

#639.3
C18.19

37X
187X

Dear Sir,

at the

of the

of the

of the

Ship

of the

of the

of the

of the

of the

25 18

25 200
200

25 200
200

25
15
40
50
16

WINDS.

REMARKS.

Letter Part.

89 48
46 05
43 43
11 51
31 52

Rec'd
Dec

Peter the Cromwell
Peter the Cromwell Peter Cromwell
Holmes Hole Peter Cromwell
Mass. N. S. A.
Peter Cromwell
Holmes Hole
Mass. N. S. A.

Whalers please keep Abstract for every day they are not at anchor, and especially when on "whealing grounds."
N. B. - Always mention fogs, rain, thunder and lightning, meteors, auroras, tides, both Surface and "Depth," is wanted at all times, and especially when on "whealing grounds," and send specimens of the last two.

TRACT LOG of the

Hundred of Ken Bedford

	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation observed.	Par.	THERMOMETER 9 A. M.		WINDS.	
						Air.	WATER. Surface. Depth.*	First Part.	Middle Part.
at noon									
5	39.09	68.30		29.33				S.W.	S.W.
6	37.00	60.00		29.31				S.W.	S.W.
7	35.01	57.00		29.31				S.W.	S.W.
8	33.03	55.00		29.33				S.W.	S.W.
9	31.00	53.00		29.33				S.W.	S.W.
10	29.00	51.00		30.03				S.W.	S.W.
11	27.00	49.00		30.02				S.W.	S.W.
12	25.00	47.00		30.05				S.W.	S.W.
13	23.00	45.00		30.03				S.W.	S.W.
14	21.00	43.00		30.03				S.W.	S.W.
15	19.00	41.00		30.03				S.W.	S.W.
16	17.00	39.00		30.03				S.W.	S.W.
17	15.00	37.00		30.03				S.W.	S.W.
18	13.00	35.00		30.03				S.W.	S.W.
19	11.00	33.00		30.03				S.W.	S.W.
20	9.00	31.00		30.03				S.W.	S.W.
21	7.00	29.00		30.03				S.W.	S.W.
22	5.00	27.00		30.03				S.W.	S.W.
23	3.00	25.00		30.03				S.W.	S.W.
24	1.00	23.00		30.03				S.W.	S.W.
25	0.00	21.00		30.03				S.W.	S.W.
26	0.00	19.00		30.03				S.W.	S.W.
27	0.00	17.00		30.03				S.W.	S.W.
28	0.00	15.00		30.03				S.W.	S.W.
29	0.00	13.00		30.03				S.W.	S.W.
30	0.00	11.00		30.03				S.W.	S.W.
31	0.00	9.00		30.03				S.W.	S.W.
32	0.00	7.00		30.03				S.W.	S.W.
33	0.00	5.00		30.03				S.W.	S.W.
34	0.00	3.00		30.03				S.W.	S.W.
35	0.00	1.00		30.03				S.W.	S.W.
36	0.00	0.00		30.03				S.W.	S.W.
37	0.00	0.00		30.03				S.W.	S.W.
38	0.00	0.00		30.03				S.W.	S.W.
39	0.00	0.00		30.03				S.W.	S.W.
40	0.00	0.00		30.03				S.W.	S.W.
41	0.00	0.00		30.03				S.W.	S.W.
42	0.00	0.00		30.03				S.W.	S.W.
43	0.00	0.00		30.03				S.W.	S.W.
44	0.00	0.00		30.03				S.W.	S.W.
45	0.00	0.00		30.03				S.W.	S.W.
46	0.00	0.00		30.03				S.W.	S.W.
47	0.00	0.00		30.03				S.W.	S.W.
48	0.00	0.00		30.03				S.W.	S.W.
49	0.00	0.00		30.03				S.W.	S.W.
50	0.00	0.00		30.03				S.W.	S.W.
51	0.00	0.00		30.03				S.W.	S.W.
52	0.00	0.00		30.03				S.W.	S.W.
53	0.00	0.00		30.03				S.W.	S.W.
54	0.00	0.00		30.03				S.W.	S.W.
55	0.00	0.00		30.03				S.W.	S.W.
56	0.00	0.00		30.03				S.W.	S.W.
57	0.00	0.00		30.03				S.W.	S.W.
58	0.00	0.00		30.03				S.W.	S.W.
59	0.00	0.00		30.03				S.W.	S.W.
60	0.00	0.00		30.03				S.W.	S.W.
61	0.00	0.00		30.03				S.W.	S.W.
62	0.00	0.00		30.03				S.W.	S.W.
63	0.00	0.00		30.03				S.W.	S.W.
64	0.00	0.00		30.03				S.W.	S.W.
65	0.00	0.00		30.03				S.W.	S.W.
66	0.00	0.00		30.03				S.W.	S.W.
67	0.00	0.00		30.03				S.W.	S.W.
68	0.00	0.00		30.03				S.W.	S.W.
69	0.00	0.00		30.03				S.W.	S.W.
70	0.00	0.00		30.03				S.W.	S.W.
71	0.00	0.00		30.03				S.W.	S.W.
72	0.00	0.00		30.03				S.W.	S.W.
73	0.00	0.00		30.03				S.W.	S.W.
74	0.00	0.00		30.03				S.W.	S.W.
75	0.00	0.00		30.03				S.W.	S.W.
76	0.00	0.00		30.03				S.W.	S.W.
77	0.00	0.00		30.03				S.W.	S.W.
78	0.00	0.00		30.03				S.W.	S.W.
79	0.00	0.00		30.03				S.W.	S.W.
80	0.00	0.00		30.03				S.W.	S.W.
81	0.00	0.00		30.03				S.W.	S.W.
82	0.00	0.00		30.03				S.W.	S.W.
83	0.00	0.00		30.03				S.W.	S.W.
84	0.00	0.00		30.03				S.W.	S.W.
85	0.00	0.00		30.03				S.W.	S.W.
86	0.00	0.00		30.03				S.W.	S.W.
87	0.00	0.00		30.03				S.W.	S.W.
88	0.00	0.00		30.03				S.W.	S.W.
89	0.00	0.00		30.03				S.W.	S.W.
90	0.00	0.00		30.03				S.W.	S.W.
91	0.00	0.00		30.03				S.W.	S.W.
92	0.00	0.00		30.03				S.W.	S.W.
93	0.00	0.00		30.03				S.W.	S.W.
94	0.00	0.00		30.03				S.W.	S.W.
95	0.00	0.00		30.03				S.W.	S.W.
96	0.00	0.00		30.03				S.W.	S.W.
97	0.00	0.00		30.03				S.W.	S.W.
98	0.00	0.00		30.03				S.W.	S.W.
99	0.00	0.00		30.03				S.W.	S.W.
100	0.00	0.00		30.03				S.W.	S.W.

Saturday Current
in water

62-Enter the wind for the point of the compass from which it has most prevailed for the eight hours; and pay particular attention to the Air and Water Thermometer.
 "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Enter the Thermometer
 recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea; in other words fill up the foll. with blank, vi
 depth from which ship's cock lets in water — feet — inches.

Latter Part.

REMARKS.

Breeze and fine weather
 Breeze and fine weather in the gulf
 Strong breezes all light sails in light attended with rain squalls
 strong breezes from the west and fine weather saw gulls
 all this 24 hours fine and pleasant saw Blackfish & gulf weed
 all this day fine & pleasant saw 2 sails & gulf weed
 first & middle light tattered Breeze saw gulf weed
 all this 24 hours fine with a swell from S.W. saw gulf weed
 all this 24 hours fine & calm saw Blackfish & Gulf weed
 fine and pleasant saw a fin back & 2 sails
 first and middle light tattered fine saw fin back
 fine and pleasant saw gulf weed

The fine off I on at Grayall
 first part fine middle & latter a strong breeze
 first a strong breeze and rainy wind & latter fresh & cloudy
 all this day light breeze and cloudy a swell from N.W. and all
 all this day light and light squalls a swell from N.W. & tide rips
 first light & rainy middle & latter fine & fine breeze sail
 fine & pleasant with fine trades

ABSTRACT LOG of the

Ship Standard of New Bedford (Capt. H. H. Brown)

Day	Latitude, at noon	Longitude, at noon.	Currents. (Knots per hour.)	Variation observed.	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		
5	0 45	23 42			29 10				Calm	Calm
6	0 45	23 42			29 11					
7	0 45	23 42			29 11					
8	0 45	23 42			29 10				S. by E	S. by E
9	0 45	23 42			29 08					
10	0 45	23 42			29 08					
11	7 37	21 27			29 09				S. by E	S. by E
12	10 35	33 37			29 09				S. by E	S. by E
13	10 31	35 37			30 00				S. by E	S. by E
14	10 20	36 42			30 01				S. by E	S. by E
15	10 59	37 50			30 02				S. by E	S. by E
16	10 59	37 50			30 02				S. by E	S. by E
17	10 59	37 50			30 02				S. by E	S. by E
18	10 59	37 50			30 02				S. by E	S. by E
19	10 59	37 50			30 02				S. by E	S. by E
20	10 59	37 50			30 02				S. by E	S. by E
21	10 59	37 50			30 02				S. by E	S. by E
22	10 59	37 50			30 02				S. by E	S. by E
23	10 59	37 50			30 02				S. by E	S. by E
24	10 59	37 50			30 02				S. by E	S. by E
25	10 59	37 50			30 02				S. by E	S. by E
26	10 59	37 50			30 02				S. by E	S. by E
27	10 59	37 50			30 02				S. by E	S. by E
28	10 59	37 50			30 02				S. by E	S. by E
29	10 59	37 50			30 02				S. by E	S. by E
30	10 59	37 50			30 02				S. by E	S. by E
31	10 59	37 50			30 02				S. by E	S. by E
32	10 59	37 50			30 02				S. by E	S. by E
33	10 59	37 50			30 02				S. by E	S. by E
34	10 59	37 50			30 02				S. by E	S. by E
35	10 59	37 50			30 02				S. by E	S. by E
36	10 59	37 50			30 02				S. by E	S. by E
37	10 59	37 50			30 02				S. by E	S. by E
38	10 59	37 50			30 02				S. by E	S. by E
39	10 59	37 50			30 02				S. by E	S. by E
40	10 59	37 50			30 02				S. by E	S. by E
41	10 59	37 50			30 02				S. by E	S. by E
42	10 59	37 50			30 02				S. by E	S. by E
43	10 59	37 50			30 02				S. by E	S. by E
44	10 59	37 50			30 02				S. by E	S. by E
45	10 59	37 50			30 02				S. by E	S. by E
46	10 59	37 50			30 02				S. by E	S. by E
47	10 59	37 50			30 02				S. by E	S. by E
48	10 59	37 50			30 02				S. by E	S. by E
49	10 59	37 50			30 02				S. by E	S. by E
50	10 59	37 50			30 02				S. by E	S. by E

* Enter the wind for the point of the compass from which it has most prevailed for the eight hours; and pay particular attention to the Air and Water Thermometers.
 "1 ph." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer.
 "1 ph." Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea; in other words fill up the following blank, viz:
 Depth from which ship's cock lets in water — feet — inches.

WINDS.

REMARKS.

Latter Part.

6. 6

E.S.B.

S.B. 48

S.B.

S.B.

S.B.

S.B.

S.B.

S.B.

S.B.

S.B.

S.B.

S.B.

S.B.

S.B.

S.B.

S.B.

S.B.

S.B.

S.B.

S.B.

S.B.

S.B.

first & middle light squalls latter fine and faint air saw 2 sails
first & middle brisk breezes latter moderate saw 4 sails passed through
fine and pleasant brisk breezes
fine with light squalls
fine with light squalls saw a fish boat at 10 in water
light breezes first & middle fine latter cloudy
first & middle fine latter squally & brisk breeze saw 4 sails
this afternoon specially saw a Portuguese man of war
first part light squalls middle and latter fine
fine with light air saw a sperm whale
fine and pleasant saw a turtle
first and middle fine latter wind shifted to S in a strong breeze
fine and a strong breeze
fine and moderate

83-Whalers please keep Abstract for every day they are not at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at all times, and especially when on whaling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

Chas. Lindeer & Wm. Cromwell

Reserve this for Binding.—Don't cut.

ABSTRACT LOG of the

Reserve this for Binding.—Don't cut.

WINDS.

REMARKS.

Latter Part.

GG-Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date	Latitude, at noon	Longitude, at noon.	Currents, (Knots per hour)	Variation observed.	Lat.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		
1	55	08 58.00								
2	55	14 50.00								
3	55	30 54.00								
4	55	20 57.10				29.3				
5	55	17 57.00				29				
6	55	17 57.40				29 1/2				
7	55	17 57.50				29 1/2				
8	55	18 57.00				29 1/2				
9	55	18 57.40				29 1/2				
10	55	18 57.50				29 1/2				
11	55	17 57.50				29 1/2				
12	55	17 57.50				30.00				
13	55	17 57.50				30.00				
14	55	17 57.50				30.00				
15	55	17 57.50				30.00				
16	55	17 57.50				30.00				
17	55	17 57.50				30.00				
18	55	17 57.50				30.00				
19	55	17 57.50				30.00				
20	55	17 57.50				30.00				
21	55	17 57.50				30.00				
22	55	17 57.50				30.00				
23	55	17 57.50				30.00				
24	55	17 57.50				30.00				
25	55	17 57.50				30.00				
26	55	17 57.50				30.00				
27	55	17 57.50				30.00				
28	55	17 57.50				30.00				
29	55	17 57.50				30.00				
30	55	17 57.50				30.00				
31	55	17 57.50				30.00				
32	55	17 57.50				30.00				
33	55	17 57.50				30.00				
34	55	17 57.50				30.00				
35	55	17 57.50				30.00				
36	55	17 57.50				30.00				
37	55	17 57.50				30.00				
38	55	17 57.50				30.00				
39	55	17 57.50				30.00				
40	55	17 57.50				30.00				
41	55	17 57.50				30.00				
42	55	17 57.50				30.00				
43	55	17 57.50				30.00				
44	55	17 57.50				30.00				
45	55	17 57.50				30.00				
46	55	17 57.50				30.00				
47	55	17 57.50				30.00				
48	55	17 57.50				30.00				
49	55	17 57.50				30.00				
50	55	17 57.50				30.00				
51	55	17 57.50				30.00				
52	55	17 57.50				30.00				
53	55	17 57.50				30.00				
54	55	17 57.50				30.00				
55	55	17 57.50				30.00				
56	55	17 57.50				30.00				
57	55	17 57.50				30.00				
58	55	17 57.50				30.00				
59	55	17 57.50				30.00				
60	55	17 57.50				30.00				
61	55	17 57.50				30.00				
62	55	17 57.50				30.00				
63	55	17 57.50				30.00				
64	55	17 57.50				30.00				
65	55	17 57.50				30.00				
66	55	17 57.50				30.00				
67	55	17 57.50				30.00				
68	55	17 57.50				30.00				
69	55	17 57.50				30.00				
70	55	17 57.50				30.00				
71	55	17 57.50				30.00				
72	55	17 57.50				30.00				
73	55	17 57.50				30.00				
74	55	17 57.50				30.00				
75	55	17 57.50				30.00				
76	55	17 57.50				30.00				
77	55	17 57.50				30.00				
78	55	17 57.50				30.00				
79	55	17 57.50				30.00				
80	55	17 57.50				30.00				
81	55	17 57.50				30.00				
82	55	17 57.50				30.00				
83	55	17 57.50				30.00				
84	55	17 57.50				30.00				
85	55	17 57.50				30.00				
86	55	17 57.50				30.00				
87	55	17 57.50				30.00				
88	55	17 57.50				30.00				
89	55	17 57.50				30.00				
90	55	17 57.50				30.00				
91	55	17 57.50				30.00				
92	55	17 57.50				30.00				
93	55	17 57.50				30.00				
94	55	17 57.50				30.00				
95	55	17 57.50				30.00				
96	55	17 57.50				30.00				
97	55	17 57.50				30.00				
98	55	17 57.50				30.00				
99	55	17 57.50				30.00				
100	55	17 57.50				30.00				

62-Enter the wind for the point of the compass from which it has most prevailed for the eight hours; and pay particular attention to the Air and Water Thermometer.
 *Depth. Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." If the Air Thermometer is
 recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea; in other words, fill up the following blank, viz:
 Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS.

Latter Part.

REMARKS.

It is	best of the early squally & strong but latter
the day	first by middle of day & out latter more
at 11	all day 24 hours strong gales & soually close reef & run
11.30	a strong breeze with fog and rain the same
At 12	a strong breeze and fine rain double reef
At 1	strong breeze and gradually ship under close reef
At 2	strong breeze in middle part squally ship double reef
At 3	strong breeze & raining rain, several strips of green water
At 4	strong breeze & rain rain, a great deal of green water
At 5	strong breeze & raining
At 6	strong breeze with fog latter more pleasant water green
At 7	a strong breeze & gradually ran this land
At 8	a gale saw Mocha weather fine
At 9	a gale weather fine
At 10	a strong breeze with passing clouds saw fin backs
At 11	a strong breeze & heavy on shore at noon
At 12	allish breeze & cloudy
At 1	a fine breeze and cloudy many birds in sight
At 2	fine saw the sun the first time for 3 day many birds
At 3	fine but cloudy with a light breeze
At 4	fine with a light breeze caught a blackfish
At 5	fine wind light saw in acks & porpoises
At 6	fine .. caught a blackfish
At 7	fine .. saw porpoises & porpoises
At 8	fine & pleasant saw one seal
At 9	fine & pleasant water dark green with many blue rips
At 10	light in the time saw blackfish and a few fin backs
At 11	fine & pleasant
At 12	fine and pleasant
At 1	fine & pleasant
At 2	fine a swell from North and the sea coming from East

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Current (Knots per hour.)	Variation observed.	Bar.	THERMOMETER 9 A. M.			WIND.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.		
9	51 40	119 00			29.8				SE	SE
10	4 00	119 50			"				SE	SE
11	4 06	120 15			"				SE	SE
12	4 00	121 00			"				SE	SE
13	5 15	125 27			"				SE	SE
14	5 00	128 56			"				SE	SE
15	5 00	131 36			"				SE	SE
16	5 10	131 50			"				SE	SE
17	4 40	132 20			"				SE	SE
18	4 10	133 00			"				SE	SE
19	4 00	134 00			"				SE	SE
20	4 10	136 00			"				SE	SE
21	5 00	137 45			"				SE	SE
22	4 30	138 40			"				SE	SE
23	3 00	138 -			"				SE	SE
24	1 9	137 00			"				SE	SE
25	2 18	130 00			"				SE	SE
26	3 20	133 30			"				SE	SE
27					"				SE	SE
28	7 00	137 7			"				SE	SE
1	7 55	140 16			"				SE	SE
2	12 19	141 40			"				SE	SE
3	14 45	142 30			"				SE	SE
4	17 22	150 4			"				SE	SE
5	19 51	154 1			"				SE	SE

For the wind for the point of the compass from which it has more prevailed for the eight hours; and pay particular attention to the Air and Water Thermometer. For the Air Thermometer, let the water flow through the ship's cock for a little while; then catch a bubble fully, try the temperature, and enter that temperature in the column "Depth." For the Water Thermometer, enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea; in other words, fill up the following blank, viz: The ship's cock lets in water — feet — inches.

WINDS.

REMARKS.

Latter Part.

A.B.	fine and pleasant
P.B.	fine caught a sperm whale made 80 lbs
B.B.C.	a strong breeze and light rainsqualls saw a shoal of seals
"	" " & smoky saw sperm whale on 13, 14, 15
A.B.	fine & pleasant nothing in sight
B.B.C.	fine and pleasant
B.B.C.	fine & pleasant
B.B.C.	fine & pleasant
A.B.	fine and pleasant some smoky
P.B.	fine saw sperm whales caught 120 lbs lost 100 lbs
B.B.C.	— saw nothing
P.B.	fine and brisk breeze
B.B.C.	— saw blackfish caught 3
P.B.	fine and light air
B.B.C.	light air & squally
A.B.	strong breeze and hard squalls double reefed topsails
P.B.	strong breeze & squally
B.B.C.	strong breeze & squally
A.B.	strong trade & squally
B.B.C.	strong trade & light squalls

ABSTRACT LOG of the ship *Thetis* under command of *Commodore*

Date	Lat.	Long.	Current.	Variation.	Bar.	THE MONITOR THERMOMETER.		WIND.	
						Air.	Water.	First Part.	Middle Part.
			(Knots per hour.)	(Degrees.)			Surf. & Depth.		
1	31	110 11		18 5				West	West
2	31	110 11		19 1				West	West
3	31	110 11		19 4				West	West
4	31	110 11		20 1				West	West
5	31	110 11		30 1				West	West
6	31	110 11		30 2				West	West
7	31	110 11		30 2				West	West
8	31	110 11		31 2				West	West
9	31	110 11		30 1				West	West
10	31	110 11		30 1				West	West
11	31	110 11		30 1				West	West
12	31	110 11		30 1				West	West
13	31	110 11		30 1				West	West
14	31	110 11		30				West	West
15	31	110 11		30				West	West
16	31	110 11		30				West	West
17	31	110 11		29 8				West	West
18	31	110 11		29 5				West	West
19	31	110 11		29 8				West	West
20	31	110 11		30 00				West	West
21	31	110 11		29 05				West	West
22	31	110 11		29 2				West	West
23	31	110 11		29 5				West	West
24	31	110 11		29 5				West	West
25	31	110 11		29 4				West	West
26	31	110 11		29 5				West	West
27	31	110 11		29 4 1/2				West	West
28	31	110 11		29 8 1/2				West	West
29	31	110 11		29 5				West	West
30	31	110 11		29 5				West	West

Enter the wind for the point of the compass from which it has most prevailed for the eight hours; and pay particular attention to the Air and Water Thermometers.
 "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz:
 Depth from which ship's cock lets in water ———— feet ———— inches.

Reserve this for Binding.—Don't cut.

ABSTRACT LOG of the

Date	Longitude		Course	Variation	Par.	Thermometer 9 A. M.		Wind	
						Air	Water	First Part	Middle Part
			(distance)	(direction)			Surface. Depth.		
10	48	07	157	08	9	3		variable	calm
11	48	12	157	08	9	3		calm	calm
12	48	15	157	08	23	5		calm	calm
13	48	20	157	08	29	5		calm	calm
14	48	25	157	08	29	5		calm	calm
15	48	30	157	08	29	5		calm	calm
16	48	35	157	08	29	5		calm	calm
17	48	40	157	08	29	5		calm	calm
18	48	45	157	08	29	5		calm	calm
19	48	50	157	08	29	5		calm	calm
20	48	55	157	08	29	5		calm	calm
21	49	00	157	08	29	5		calm	calm
22	49	05	157	08	29	5		calm	calm
23	49	10	157	08	29	5		calm	calm
24	49	15	157	08	29	5		calm	calm
25	49	20	157	08	29	5		calm	calm
26	49	25	157	08	29	5		calm	calm
27	49	30	157	08	29	5		calm	calm
28	49	35	157	08	29	5		calm	calm
29	49	40	157	08	29	5		calm	calm
30	49	45	157	08	29	5		calm	calm
31	49	50	157	08	29	5		calm	calm
32	49	55	157	08	29	5		calm	calm
33	50	00	157	08	29	5		calm	calm
34	50	05	157	08	29	5		calm	calm
35	50	10	157	08	29	5		calm	calm
36	50	15	157	08	29	5		calm	calm
37	50	20	157	08	29	5		calm	calm
38	50	25	157	08	29	5		calm	calm
39	50	30	157	08	29	5		calm	calm
40	50	35	157	08	29	5		calm	calm
41	50	40	157	08	29	5		calm	calm
42	50	45	157	08	29	5		calm	calm
43	50	50	157	08	29	5		calm	calm
44	50	55	157	08	29	5		calm	calm
45	51	00	157	08	29	5		calm	calm
46	51	05	157	08	29	5		calm	calm
47	51	10	157	08	29	5		calm	calm
48	51	15	157	08	29	5		calm	calm
49	51	20	157	08	29	5		calm	calm
50	51	25	157	08	29	5		calm	calm
51	51	30	157	08	29	5		calm	calm
52	51	35	157	08	29	5		calm	calm
53	51	40	157	08	29	5		calm	calm
54	51	45	157	08	29	5		calm	calm
55	51	50	157	08	29	5		calm	calm
56	51	55	157	08	29	5		calm	calm
57	52	00	157	08	29	5		calm	calm
58	52	05	157	08	29	5		calm	calm
59	52	10	157	08	29	5		calm	calm
60	52	15	157	08	29	5		calm	calm
61	52	20	157	08	29	5		calm	calm
62	52	25	157	08	29	5		calm	calm
63	52	30	157	08	29	5		calm	calm
64	52	35	157	08	29	5		calm	calm
65	52	40	157	08	29	5		calm	calm
66	52	45	157	08	29	5		calm	calm
67	52	50	157	08	29	5		calm	calm
68	52	55	157	08	29	5		calm	calm
69	53	00	157	08	29	5		calm	calm
70	53	05	157	08	29	5		calm	calm
71	53	10	157	08	29	5		calm	calm
72	53	15	157	08	29	5		calm	calm
73	53	20	157	08	29	5		calm	calm
74	53	25	157	08	29	5		calm	calm
75	53	30	157	08	29	5		calm	calm
76	53	35	157	08	29	5		calm	calm
77	53	40	157	08	29	5		calm	calm
78	53	45	157	08	29	5		calm	calm
79	53	50	157	08	29	5		calm	calm
80	53	55	157	08	29	5		calm	calm
81	54	00	157	08	29	5		calm	calm
82	54	05	157	08	29	5		calm	calm
83	54	10	157	08	29	5		calm	calm
84	54	15	157	08	29	5		calm	calm
85	54	20	157	08	29	5		calm	calm
86	54	25	157	08	29	5		calm	calm
87	54	30	157	08	29	5		calm	calm
88	54	35	157	08	29	5		calm	calm
89	54	40	157	08	29	5		calm	calm
90	54	45	157	08	29	5		calm	calm
91	54	50	157	08	29	5		calm	calm
92	54	55	157	08	29	5		calm	calm
93	55	00	157	08	29	5		calm	calm
94	55	05	157	08	29	5		calm	calm
95	55	10	157	08	29	5		calm	calm
96	55	15	157	08	29	5		calm	calm
97	55	20	157	08	29	5		calm	calm
98	55	25	157	08	29	5		calm	calm
99	55	30	157	08	29	5		calm	calm
100	55	35	157	08	29	5		calm	calm

from the 1st to the 14th weather good winds principally from East to South and barometer quite in active hanging from 29.3 to 29.5 the sea appears to affect the atmosphere and keep the mercury low

67-Enter the wind for the point of the compass from which it has most prevailed for the eight hours; and pay particular attention to the Air and Water Thermometers.
 68-Enter the temperature of the water at the surface and at the depth of 10 fathoms; and if the water is very shallow, enter the temperature of the bottom.
 69-Enter the direction and force of the surface and bottom currents.
 70-Enter the direction and force of the wind.
 71-Enter the direction and force of the sea.
 72-Enter the direction and force of the tide.
 73-Enter the direction and force of the moon.
 74-Enter the direction and force of the stars.
 75-Enter the direction and force of the planets.
 76-Enter the direction and force of the comets.
 77-Enter the direction and force of the meteors.
 78-Enter the direction and force of the aurora borealis.
 79-Enter the direction and force of the aurora australis.
 80-Enter the direction and force of the solar wind.
 81-Enter the direction and force of the solar radiation.
 82-Enter the direction and force of the solar magnetic field.
 83-Enter the direction and force of the solar magnetic field.
 84-Enter the direction and force of the solar magnetic field.
 85-Enter the direction and force of the solar magnetic field.
 86-Enter the direction and force of the solar magnetic field.
 87-Enter the direction and force of the solar magnetic field.
 88-Enter the direction and force of the solar magnetic field.
 89-Enter the direction and force of the solar magnetic field.
 90-Enter the direction and force of the solar magnetic field.
 91-Enter the direction and force of the solar magnetic field.
 92-Enter the direction and force of the solar magnetic field.
 93-Enter the direction and force of the solar magnetic field.
 94-Enter the direction and force of the solar magnetic field.
 95-Enter the direction and force of the solar magnetic field.
 96-Enter the direction and force of the solar magnetic field.
 97-Enter the direction and force of the solar magnetic field.
 98-Enter the direction and force of the solar magnetic field.
 99-Enter the direction and force of the solar magnetic field.
 100-Enter the direction and force of the solar magnetic field.

N. E.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date	Latitude	Longitude	Current, (Knots per hour)	Variation observed.	Bar.	THERMOMETER, 9 A. M.		WINDS.	
						Air.	Water, Surface. Depth.*	First Part.	Middle Part.
1	52	145			29.17			SE	SE
2	51	145			29.15			SE	SE
3	49	147			29.15			SE	SE
4	47	148-50			29.12			SE	SE
5	45	149			29.11			SE	SE
6	43	149			29.11			SE	SE
7	41	149			29.11			SE	SE
8	39	149			29.11			SE	SE
9	37	149			29.11			SE	SE
10	35	149			29.11			SE	SE
11	33	149			29.11			SE	SE
12	31	149			29.11			SE	SE
13	29	149			29.11			SE	SE
14	27	149			29.11			SE	SE
15	25	149			29.11			SE	SE
16	23	149			29.11			SE	SE
17	21	149			29.11			SE	SE
18	19	149			29.11			SE	SE
19	17	149			29.11			SE	SE

* Enter the wind for the point of the compass from which it has most prevailed for the eight hours; and pay particular attention to the Air and Water Thermometers.
 * Depth. Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." For rheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz:
 Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS.

REMARKS.

Latter Part.

the air is irregularly at one in the ice during the 8 points in an hour at dark
the north with rain squalls saw 2 whales going quick towards the land
south first shower, middle and latter fine
calm fine and pleasant caught a whale
fine & pleasant saw a few whales very fine
going with the tide, rather fine saw a few trailing whales
rather more unsettled, no whales
variable first and middle a fresh breeze with fog & rain
PM all this day fine saw a few whales struck one
23rd of June to the 6th of September
it has broken and so that the ship would rock though it
saw breezes which brings in a heavy sea and then the ice is
altogether gone about the time it was blowing
some water the ice came down on me and broke the ice and
ship been off in all probability she would have stove her
one with a heavy sea at the time the ship struck it very heavy
the 10th saw a great show but could not strike them hope
of the fourth of August 1802 saw 3 taken from that
of the time came from 30 to 50 ships in sight, from 50
making about 1800 lbs are now find the ship in the

23rd Strong breezes with light rains steering for Round Point Cape
24th Strong breezes and cloudy - an fine backs
25th a brisk breeze and cloudy saw fine backs
26th a strong breeze and some cloudy saw 23 whales
27th first part a fine breeze middle & latter strong breezes " " 3
28th a strong breeze & heavy swell saw a number of whales struck
29th first a brisk breeze middle and latter strong and rainy saw 3
30th stormy
31st first part a brisk breeze and cloudy middle calm latter a brisk gale & rain
all this day a strong gale latter hard squalls with rain
all this 24 hours strong gales and squalls of rain
first a strong gale middle & latter fine at Cape Horn
first and middle fine latter thick with rain at Cape Horn
Note whales heard but without success whales going with quick

Whalers please keep Abstract for every day they are not at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at all times, and especially when on whaling grounds.

N. B. - Always mention fog, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Ship. Recorder. Date.

	Lat.	Long.	Current.	Variation.	Par.	Thermometer for 9 A. M.		WIND.	
						Air.	Water.	First Part.	Middle Part.
			(Knots per hour.)	of reef.			Surface. Depth.*		
1	17	158	7	29	01			17	17
2	17	158:2		29	4			17	17
3	17	158:31		29	5			17	17
4	17	177	2	29	6			"	"
5	17	175	55	29	7			"	"
6	17	175	54	29	7			"	"
7	17	177	31	29	8			17	17
8	17	177	31	29	11			17	17
9	17	177		29	5			17	17
10	17	172:50		29	5			17	17
11	17	170	07	29	5			17	17
12	17	168	05	29	7			17	17
13	17	167	11	29	7			17	17
14	17	163	9	29	7			17	17
15	17	162	11	29	7			17	17
16	17	162	11	29	7			17	17
17	17	165	30	29	7			17	17
18	17	165	30	29	7			17	17
19	17	165	30	29	7			17	17
20	17	165	30	29	7			17	17
21	17	165	30	29	7			17	17
22	17	165	30	29	7			17	17
23	17	165	30	29	7			17	17
24	17	165	30	29	7			17	17
25	17	165	30	29	7			17	17
26	17	165	30	29	7			17	17
27	17	165	30	29	7			17	17
28	17	165	30	29	7			17	17
29	17	165	30	29	7			17	17
30	17	165	30	29	7			17	17
31	17	165	30	29	7			17	17
32	17	165	30	29	7			17	17
33	17	165	30	29	7			17	17
34	17	165	30	29	7			17	17
35	17	165	30	29	7			17	17
36	17	165	30	29	7			17	17
37	17	165	30	29	7			17	17
38	17	165	30	29	7			17	17
39	17	165	30	29	7			17	17
40	17	165	30	29	7			17	17
41	17	165	30	29	7			17	17
42	17	165	30	29	7			17	17
43	17	165	30	29	7			17	17
44	17	165	30	29	7			17	17
45	17	165	30	29	7			17	17
46	17	165	30	29	7			17	17
47	17	165	30	29	7			17	17
48	17	165	30	29	7			17	17
49	17	165	30	29	7			17	17
50	17	165	30	29	7			17	17
51	17	165	30	29	7			17	17
52	17	165	30	29	7			17	17
53	17	165	30	29	7			17	17
54	17	165	30	29	7			17	17
55	17	165	30	29	7			17	17
56	17	165	30	29	7			17	17
57	17	165	30	29	7			17	17
58	17	165	30	29	7			17	17
59	17	165	30	29	7			17	17
60	17	165	30	29	7			17	17
61	17	165	30	29	7			17	17
62	17	165	30	29	7			17	17
63	17	165	30	29	7			17	17
64	17	165	30	29	7			17	17
65	17	165	30	29	7			17	17
66	17	165	30	29	7			17	17
67	17	165	30	29	7			17	17
68	17	165	30	29	7			17	17
69	17	165	30	29	7			17	17
70	17	165	30	29	7			17	17
71	17	165	30	29	7			17	17
72	17	165	30	29	7			17	17
73	17	165	30	29	7			17	17
74	17	165	30	29	7			17	17
75	17	165	30	29	7			17	17
76	17	165	30	29	7			17	17
77	17	165	30	29	7			17	17
78	17	165	30	29	7			17	17
79	17	165	30	29	7			17	17
80	17	165	30	29	7			17	17
81	17	165	30	29	7			17	17
82	17	165	30	29	7			17	17
83	17	165	30	29	7			17	17
84	17	165	30	29	7			17	17
85	17	165	30	29	7			17	17
86	17	165	30	29	7			17	17
87	17	165	30	29	7			17	17
88	17	165	30	29	7			17	17
89	17	165	30	29	7			17	17
90	17	165	30	29	7			17	17
91	17	165	30	29	7			17	17
92	17	165	30	29	7			17	17
93	17	165	30	29	7			17	17
94	17	165	30	29	7			17	17
95	17	165	30	29	7			17	17
96	17	165	30	29	7			17	17
97	17	165	30	29	7			17	17
98	17	165	30	29	7			17	17
99	17	165	30	29	7			17	17
100	17	165	30	29	7			17	17

* Enter the wind for the point of the compass from which it has most prevailed for the eight hours; and pay particular attention to the Air and Water Thermometers.
 ** Depth. Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." For Night Thermometers is recommended for all the observations on the nature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz:
 Depth from ship's cock into water ——— feet ——— inches.

WINDS.

REMARKS.

Latter Part.

rest
rest
rest
"
"

as in middle & latter strong & rainy
fresh gales and rain middle & latter a strong breeze & squally
a fine day with passing clouds saw a Blackbird
a very fine day
fine with passing clouds saw a ship

Variable from rest to S.W. fine with passing squalls and light breeze with calms
S.W. fine with light breeze strong & rainy
S.W. all this day a strong breeze and rainy the latter a little warmer
S.W. all this day fine with middle a fine breeze latter light breeze with calms
S.W. fine with passing clouds winds light
S.W. rain & squalls the day through
Variable from S.W. very rainy from double reef's topsails to a calm
S.W. squally from all quarters it has rained incessantly all day
S.W. all this day strong breeze & squally with a heavy head sea
S.W. weather very changeable sunning rain wind & calms
S.W. better changeable & squally and a brisk breeze
S.W. all this day strong breeze & squally
S.W. all this day strong breeze & hard squally
S.W. rainy as usual at this port
S.W. weather in a dusk breeze all sail
S.W. first and middle strong latter light & warm
S.W. fine weather and light breeze
S.W. a brisk breeze and passing clouds
S.W. first & middle strong breeze & squally latter rainy heavy squally
S.W. fine and a fine breeze middle & latter. Snowy
S.W. all this day fine with passing clouds saw fine backs of tropic birds
S.W. first part fine middle cloudy & light squalls latter fine with light
S.W. first light middle a latter fine with passing fogg clouds
S.W. light winds and fine weather with passing fogg clouds
S.W. fine with light airs & light fogg squally
S.W. very fair air with fogg clouds
S.W. very light & light rain squalls
S.W. fine light with light squalls middle & latter a fine breeze not fine

ABSTRACT LOG of the

Ship Runder Seta Council

Day	Lat.	Long.	Time, at noon	Currents, (Knots per hour.)	Variation observed.	Bar.	THERMOMETER 9 A.M.		WIND.	
							Air.	Water.	First Part.	Middle Part.
								Surface. Depth.*		
1	25	57	22.5			29.7			SW	SW
2	28	53	22.5			29.7			SW	SW
3	29	51	23.00			29.7			SW	SW
4	29	51	23.00			29.5			SW	SW
5	29	55	23.00			29.5			SW	SW
6	29	55	23.00			29.5			SW	SW
7	29	55	23.00			29.5			SW	SW
8	29	55	23.00			29.5			SW	SW
9	29	55	23.00			29.5			SW	SW
10	29	55	23.00			29.5			SW	SW
11	29	55	23.00			29.5			SW	SW
12	29	55	23.00			29.5			SW	SW
13	29	55	23.00			29.5			SW	SW
14	29	55	23.00			29.5			SW	SW
15	29	55	23.00			29.5			SW	SW
16	29	55	23.00			29.5			SW	SW
17	29	55	23.00			29.5			SW	SW
18	29	55	23.00			29.5			SW	SW
19	29	55	23.00			29.5			SW	SW
20	29	55	23.00			29.5			SW	SW
21	29	55	23.00			29.5			SW	SW
22	29	55	23.00			29.5			SW	SW
23	29	55	23.00			29.5			SW	SW
24	29	55	23.00			29.5			SW	SW
25	29	55	23.00			29.5			SW	SW
26	29	55	23.00			29.5			SW	SW
27	29	55	23.00			29.5			SW	SW
28	29	55	23.00			29.5			SW	SW
29	29	55	23.00			29.5			SW	SW
30	29	55	23.00			29.5			SW	SW
31	29	55	23.00			29.5			SW	SW
32	29	55	23.00			29.5			SW	SW
33	29	55	23.00			29.5			SW	SW
34	29	55	23.00			29.5			SW	SW
35	29	55	23.00			29.5			SW	SW
36	29	55	23.00			29.5			SW	SW
37	29	55	23.00			29.5			SW	SW
38	29	55	23.00			29.5			SW	SW
39	29	55	23.00			29.5			SW	SW
40	29	55	23.00			29.5			SW	SW
41	29	55	23.00			29.5			SW	SW
42	29	55	23.00			29.5			SW	SW
43	29	55	23.00			29.5			SW	SW
44	29	55	23.00			29.5			SW	SW
45	29	55	23.00			29.5			SW	SW
46	29	55	23.00			29.5			SW	SW
47	29	55	23.00			29.5			SW	SW
48	29	55	23.00			29.5			SW	SW
49	29	55	23.00			29.5			SW	SW
50	29	55	23.00			29.5			SW	SW
51	29	55	23.00			29.5			SW	SW
52	29	55	23.00			29.5			SW	SW
53	29	55	23.00			29.5			SW	SW
54	29	55	23.00			29.5			SW	SW
55	29	55	23.00			29.5			SW	SW
56	29	55	23.00			29.5			SW	SW
57	29	55	23.00			29.5			SW	SW
58	29	55	23.00			29.5			SW	SW
59	29	55	23.00			29.5			SW	SW
60	29	55	23.00			29.5			SW	SW
61	29	55	23.00			29.5			SW	SW
62	29	55	23.00			29.5			SW	SW
63	29	55	23.00			29.5			SW	SW
64	29	55	23.00			29.5			SW	SW
65	29	55	23.00			29.5			SW	SW
66	29	55	23.00			29.5			SW	SW
67	29	55	23.00			29.5			SW	SW
68	29	55	23.00			29.5			SW	SW
69	29	55	23.00			29.5			SW	SW
70	29	55	23.00			29.5			SW	SW
71	29	55	23.00			29.5			SW	SW
72	29	55	23.00			29.5			SW	SW
73	29	55	23.00			29.5			SW	SW
74	29	55	23.00			29.5			SW	SW
75	29	55	23.00			29.5			SW	SW
76	29	55	23.00			29.5			SW	SW
77	29	55	23.00			29.5			SW	SW
78	29	55	23.00			29.5			SW	SW
79	29	55	23.00			29.5			SW	SW
80	29	55	23.00			29.5			SW	SW
81	29	55	23.00			29.5			SW	SW
82	29	55	23.00			29.5			SW	SW
83	29	55	23.00			29.5			SW	SW
84	29	55	23.00			29.5			SW	SW
85	29	55	23.00			29.5			SW	SW
86	29	55	23.00			29.5			SW	SW
87	29	55	23.00			29.5			SW	SW
88	29	55	23.00			29.5			SW	SW
89	29	55	23.00			29.5			SW	SW
90	29	55	23.00			29.5			SW	SW
91	29	55	23.00			29.5			SW	SW
92	29	55	23.00			29.5			SW	SW
93	29	55	23.00			29.5			SW	SW
94	29	55	23.00			29.5			SW	SW
95	29	55	23.00			29.5			SW	SW
96	29	55	23.00			29.5			SW	SW
97	29	55	23.00			29.5			SW	SW
98	29	55	23.00			29.5			SW	SW
99	29	55	23.00			29.5			SW	SW
100	29	55	23.00			29.5			SW	SW

from the 12th Dec to the 5 of January I have been
 using No. 100 net with fine mesh all the time and
 saw a whale in the time saw a fine black
 during the night & yesterday during the day

*Enter the wind for the point of the compass from which it has most prevailed for the eight hours; and pay particular attention to the Air and Water Thermometers.

Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer is recommended for all the observation on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz:

Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS.

REMARKS.

Latter Part.

calm	first look middle & latter light variable & calm
22	fine and calm
23	light breeze & cloudy
24	light breeze and some rain caught 3 S. D. porpoises
25	light breeze rather cloudy. (Breeze a man)
26	low gaudispe squally and rainy all day wind light
27	wind light with fine rather saw a big
28	wind light through the day saw 3 fish backs & 2 cows
29	a fine breeze saw a number of whales of the fin back
30	species pass between the islands of Cerad & S. D. Poneto
31	fine and a fresh breeze & clear weather saw the coast
1	fine & a fresh breeze fine clear weather
2	fine weather & breeze at 24 caught a whale there 2 of them
3	strong gales and fine weather young & 2.
4	fine weather and light breeze
5	fine saw plenty of blackfish but not
6	crossing from lat 22 north Long 113 00 west to Lat 22 00
7	a pleasant breeze & have not seen the short
8	fish winds mostly from the S. D. veering north
9	day fore part moderate latter part a fine breeze
10	fine and light breeze all sail set
11	first & middle fine latter light rainsqualls winds
12	first part light squalls middle & latter a brisk haze & fine
13	first fine middle & latter squally and a brisk breeze
14	squally with rain wind veering from East to S.
15	very squally with a plenty of rain some thunder & lightning
16	a brisk breeze and less squally
17	first part fine middle & latter squally winds baffling
18	first fine middle and latter squally & rainy
19	a fine breeze with light squalls
20	a brisk breeze with rain

ABSTRACT LOG of the

Ship Quinder John Cromwell

Date	Lat.	Long.	Currents, (Knots per hour.)	Variation observed.	Bar.	THERMOMETER 9 A. M.		WIND.	
						Air.	Water.	First Part.	Middle Part.
							Surface. Depth.*		
Jan	N	W							
17	11:31	119:20		27=7				SE	SE
18	2 34	121:40		27 7				SE	SE
19	3 30	120:00		27 7				SE	SE
20	5 58	121:38						SE	SE
21	5 58	121:57		27 7				SE	SE
22	3:11	121:2		27=7				SE	SE
23	3 13	119:34		27 7				SE	SE
24	3 31	117:20		27 7				SE	SE
25	5:02	119:38		27 7				East	East
26	3 10	118:29		27 7				East	East
27	2 51	117:41		27 7				SE	SE
28	1 15	117:01		27 6 7				SE	SE
29	3 40	117 38		27 7				SE	SE
30	4 10	117 30		27 7				SE	SE
1 Feb	2 20	117:50		27 7				calm	calm
1	3 52	118:08		27 7				calm	calm
2	1 00	117:20		27 7				SE	SE
3	3 00	116:08		27 7				SE	SE
4	2 20	115:53		27 7				SE	SE
5	2 08	116:20		27 7				SE	SE
6	1 51	117:58		27 7				SE	SE
7	1 50	118:52		27 7				calm	calm
8	1 46	121:00		27 7				SE	SE
9	1 15	121:31		27 7				SE	SE
10	1 15	122 54		27 7				SE	SE
11	3 9	125 19		27 7				SE	SE
12	2 18	124 40		27 7				SE	SE
13	1 18	125 30		27 7				SE	SE
14	1 10	127 14		27 7				SE	SE
15	3 0	128 05		27 7				SE	SE
16	1 18	129 00		27 7				SE	SE
17	2 49	130 27		27 7				SE	SE
18	1 2	131 17		27 6 7				SE	SE
19	2 50	132 00		27 6 7				SE	SE
20	5 30	133 18		27 6 7				East	East

*Enter the wind for the point of the compass from which it has most prevailed for the eight hours; and pay particular attention to the Air and Water Thermometers.
 "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz:
 Depth from which ship's cock lets in water ——— feet ——— inches.

Reserve this for Binding—Don't cut.

WINDS.

Latter Part.

REMARKS.

[illegible]

ABSTRACT LOG of the

Ship. Under. For. Cornwall

Date	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation observed.	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.		
21	14:54	154:40			27.7				SE	East
22	15:10	154:50			27.7				SE	SE
23	15:20	155:02			27.7				SE	SE
24	14:50	155:07			27.7				SE	SE
25	15:00	155:10			27.7				SE	SE
26	17:25	155:12			27.7				SE	SE
27	18:20	155:35			27.7				SE	SE
28	19:10	155:20			27.7				SE	SE
29	19:43	154:24			27.7				SE	SE
30	21:41	162:08			27.8				SE	SE
31	22:02	165:55			27.7				SE	SE
1	22:25	172:20			27.7				SE	SE
2	23:12	175:30			27.7				SE	SE
3	23:40	175:50			27.7				SE	SE
4	23:40	175:50			27.7				SE	SE
5	23:40	175:50			27.7				SE	SE
6	23:40	175:50			27.7				SE	SE
7	23:40	175:50			27.7				SE	SE
8	23:40	175:50			27.7				SE	SE
9	23:40	175:50			27.7				SE	SE
10	23:40	175:50			27.7				SE	SE
11	23:40	175:50			27.7				SE	SE
12	23:40	175:50			27.7				SE	SE
13	23:40	175:50			27.7				SE	SE
14	23:40	175:50			27.7				SE	SE
15	23:40	175:50			27.7				SE	SE
16	23:40	175:50			27.7				SE	SE
17	23:40	175:50			27.7				SE	SE
18	23:40	175:50			27.7				SE	SE
19	23:40	175:50			27.7				SE	SE
20	23:40	175:50			27.7				SE	SE
21	23:40	175:50			27.7				SE	SE
22	23:40	175:50			27.7				SE	SE
23	23:40	175:50			27.7				SE	SE
24	23:40	175:50			27.7				SE	SE
25	23:40	175:50			27.7				SE	SE
26	23:40	175:50			27.7				SE	SE
27	23:40	175:50			27.7				SE	SE
28	23:40	175:50			27.7				SE	SE
29	23:40	175:50			27.7				SE	SE
30	23:40	175:50			27.7				SE	SE
31	23:40	175:50			27.7				SE	SE

63-Enter the wind for the point of the compass from which it has most prevailed for the eight hours; and pay particular attention to the Air and Water Thermometers.
 "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer "recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea; in other words fill up the following blank, viz:
 Depth from which ship's cock lets in water — feet — inches.

WINDS.		REMARKS.
Latter Part.		
Oct 1.	first fine middle and latter brisk breezes & squally	
Oct 2.	strong breezes and squally	
Oct 3.	brisk breezes and squally	
Oct 4.	first part brisk middle & latter light weather fine	
Oct 5.	sunrise light and variable with light rain squalls	
Oct 6.	very light with brisk squalls	
Oct 7.	fine and pleasant wind fluky	
Oct 8.	fine	
Oct 9.	fine	
Oct 10.	fine	
Oct 11.	fine	
Oct 12.	fine	
Oct 13.	fine	
Oct 14.	fine	
Oct 15.	fine	
Oct 16.	fine	
Oct 17.	fine	
Oct 18.	fine	
Oct 19.	fine	
Oct 20.	fine	
Oct 21.	fine	
Oct 22.	fine	
Oct 23.	fine	
Oct 24.	fine	
Oct 25.	fine	
Oct 26.	fine	
Oct 27.	fine	
Oct 28.	fine	
Oct 29.	fine	
Oct 30.	fine	
Oct 31.	fine	

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation observed.	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		
1	34-00	155-00		27.7					SE	SE
2	35-25	153-20		27.7					SE	SE
3	36-00	152-40		27.5					SE	SE
4	36-30	152-00		27.8					SE	SE
5	37-00	151-20		27.8					SE	SE
6	37-30	150-40		27.8					SE	SE
7	38-00	150-00		27.7					SE	SE
8	38-30	149-20		27.7					SE	SE
9	39-00	148-40		27.7					SE	SE
10	39-30	148-00		27.7					SE	SE
11	40-00	147-20		27.7					SE	SE
12	40-30	146-40		27.7					SE	SE
13	41-00	146-00		27.7					SE	SE
14	41-30	145-20		27.7					SE	SE
15	42-00	144-40		27.7					SE	SE
16	42-30	144-00		27.7					SE	SE
17	43-00	143-20		27.7					SE	SE
18	43-30	142-40		27.7					SE	SE
19	44-00	142-00		27.7					SE	SE
20	44-30	141-20		27.7					SE	SE
half miles east from Cape Gerard there appears to be a reef of										
reef five miles from the shore and two from the reef										
21	45-00	140-40		27.7					SE	SE
22	45-30	140-00		27.7					SE	SE
23	46-00	139-20		27.7					SE	SE
24	46-30	138-40		27.7					SE	SE
25	47-00	138-00		27.7					SE	SE
26	47-30	137-20		27.7					SE	SE
27	48-00	136-40		27.7					SE	SE
28	48-30	136-00		27.7					SE	SE
29	49-00	135-20		27.7					SE	SE
30	49-30	134-40		27.7					SE	SE
31	50-00	134-00		27.7					SE	SE

66-Enter the wind for the point of the compass from which it has most prevailed for the eight hours; and pay particular attention to the Air and Water Thermometers.
 * "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz:
 Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS.

REMARKS.

Latter Part.

S. 1/2 E.	a strong gale. Cloudy with a high sea
N. 1/2 W.	first and middle a gale & rainy latter fine & fair breeze
N. 1/2 E.	first wind light with fine middle & latter equally a strong gale
N. 1/2 W.	first a strong gale middle & latter wind light
N. 1/2 E.	first wind light middle & latter a brisk breeze a plenty of rain
N. 1/2 W.	first brisk breeze middle calm latter a brisk breeze
N. 1/2 E.	a brisk breeze middle & latter more moderate
N. 1/2 W.	a fine breeze & cloudy
N. 1/2 E.	first and middle fine latter rainy
N. 1/2 W.	first & middle some rain & cloudy latter fine
N. 1/2 E.	first light middle brisk & clear latter a hard gale some snow
N. 1/2 W.	saw several flocks of ducks going to the N.E.
N. 1/2 E.	first a strong breeze middle light latter a strong breeze & snow
N. 1/2 W.	blowing heavy ship hove to between the island of Paramoche
N. 1/2 E.	chure & onekotan the land covered with snow three or four
N. 1/2 W.	rocks rising parallel with the shore a mud in length of four
N. 1/2 E.	and had hard sandy bottom
N. 1/2 W.	strong breeze ship under close reef working through
N. 1/2 E.	between the islands of Paramoche & onekotan
N. 1/2 W.	light airs attended with calms spoke the Canton Duckett
N. 1/2 E.	winds light matter smooth water cold & little snow
N. 1/2 W.	first and middle cloudy latter fine sun out all day
N. 1/2 E.	first & middle fine winds light latter a strong breeze & snow
N. 1/2 W.	first a strong breeze middle & latter more moderate some ice
N. 1/2 E.	fine and pleasant pass, through several detached, & rocky isles
N. 1/2 W.	first fine middle brisk breeze latter a light gale
N. 1/2 E.	a strong breeze and a thick snow storm
N. 1/2 W.	a brisk breeze latter moderate & calm caught a whale
N. 1/2 E.	first moderate middle & latter a gale

ABSTRACT LOG of the

Ship Humber *John W. Humber*

Date	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation observed.	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		
August 18	15-25	151-00	Strong & variable		29.5				W. S.W.	W. S.W.
19	16-00	155-50	less current		29.5				W. S.W.	W. S.W.
20	16-40	154-39			29.3				W. S.W.	W. S.W.
21	17-52	157-44			29.3				W. S.W.	W. S.W.
22	17-08	171-22			29.7				W. S.W.	W. S.W.
23	17-40	173-00			29.8				W. S.W.	W. S.W.
24	18-00	175-00			29.3				W. S.W.	W. S.W.
25	17-47	177-45			29.4				W. S.W.	W. S.W.
26	16-30	177-50	Fast		29.6				W. S.W.	W. S.W.
27	15-20	174-80			29.9				W. S.W.	W. S.W.
28	14-00	173-00			30.2				W. S.W.	W. S.W.
29	12-40	171-19			30.2				W. S.W.	W. S.W.
30	11-00	170-50			30.1				W. S.W.	W. S.W.
31	9-27	165-10			30.9				W. S.W.	W. S.W.
1	17-00	164-48			30.0				W. S.W.	W. S.W.
2	16-48	163-50			29.9				W. S.W.	W. S.W.
3	16-17	161-50			29.9				W. S.W.	W. S.W.
4	15-29	159-20			29.9				W. S.W.	W. S.W.
5	14-48	158-30			29.8				W. S.W.	W. S.W.
6	12-52	156-18			29.7				W. S.W.	W. S.W.
7	10-17	153-28			29.7				W. S.W.	W. S.W.
8	29-57	155-39			29.7				W. S.W.	W. S.W.
9	28-53	153-10			29.7				W. S.W.	W. S.W.
10	27-15	155-05			29.7				W. S.W.	W. S.W.
11	25-54	154-50			29.7				W. S.W.	W. S.W.
12	24-53	154-30			29.7				W. S.W.	W. S.W.
13	24-30	144-00			29.7				W. S.W.	W. S.W.
14	24-51	155-13			29.7				W. S.W.	W. S.W.
15	Monroe in sight								W. S.W.	W. S.W.
16									W. S.W.	W. S.W.

* Enter the wind for the point of the compass from which it has most prevailed for the eight hours; and pay particular attention to the Air and Water Thermometers.
 "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz:
 Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS.	REMARKS.
Latter Part.	
W.S.H.	winds light at times clear at others foggy
W.S.H.	a fine breeze & foggy
W.S.H.	better thick and rainy winds brisk
W.S.H.	winds light better & breezy
W.S.H.	better quite fine winds light and variable
W.S.H.	just wind light (middle) and latter a light gale & rain
W.S.H.	last a light gale, good & latter wind light
W.S.H.	a gale about half the day with rain
W.S.H.	strong breezes rain and fog
W.S.H.	all this day fine the best for a month
W.S.H.	all this day fine with variable winds
W.S.H.	all this day foggy with rain
W.S.H.	fine with fog & night breezes
W.S.H.	a brisk breeze with fog & rain
W.S.H.	a fine breeze and good weather with passing fog squalls
W.S.H.	a brisk breeze and rain squalls
W.S.H.	a light breeze with passing rain squalls
W.S.H.	light & variable with rain
W.S.H.	squally at times calm
W.S.H.	squally and light winds
W.S.H.	all this day squally some thunder & a plenty of rain
W.S.H.	all this day fine some heat lightning is seen
W.S.H.	light variable & squally
W.S.H.	less squally
W.S.H.	a fine breeze with light squalls
W.S.H.	fine
W.S.H.	a fine breeze & fine weather
W.S.H.	fine with light squalls & light breezes

ABSTRACT LOG of the

Ship Mendocino *Wm. H. Russell*

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation observed.	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		
11th	31° 10'	157° 20'	none at 4.40						calm	calm
12	30 20	157 20		29 27					calm	calm
13	29 41	157		29 25					S.E.	S.E.
14	28 14	155 3		29 25					S.W.	S.W.
15	27 17	155 3		29 26					S.W.	S.W.
16	26 35	155 35		29 27					calm	calm
17	25 10	155 15		29 26					calm	East
18	24 49	154 56		29 27					calm	calm
19	24 10	154 29		29 25					East	S.W.
20	23 11	154 33		29 26					East	East
21	22 32	155 41		29 27					S.W.	S.W.
22	21 26	155 33		29 27					East	East
23	20 16	155 26		29 26					S.W.	S.W.
24	19 40	156 13		29 27					S.W.	East
25	18 45	155 15		29 27					S.W.	S.W.
26	17 20	156 34		29 27					S.W.	S.W.
27	16 30	157 05		29 27					S.W.	S.W.
28	15 11	158 13		29 27					S.W.	S.W.
29	14 17	158 45		29 27					S.W.	S.W.
30	13 13	158 50		29 27					S.W.	S.W.
31	12 1	159 15		29 27					S.W.	S.W.
1	11 13	160 14		29 27					S.W.	S.W.
2	10 11	161 31		29 27					S.W.	S.W.
3	9 17	161 30		29 27					S.W.	S.W.
4	8 14	161 38		29 25					S.W.	S.W.
5	7 14	161 4		29 25					S.W.	S.W.
6	6 30	161 40		29 25					S.W.	S.W.
7	5 47	160 9		29 24					S.W.	S.W.
8	4 40	160 -		29 24					S.W.	S.W.
9	3 35	159 30		29 24					S.W.	S.W.
10	3 38	157 16		29 24					S.W.	S.W.

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WINDS.

Latter Part.

REMARKS.

A.B.	Wind very light, better for 5 of the islands in site
A.B.	fine with light winds
B.B.	light breezes and fine weather
C.A.B.	first and middle fine breezes latter light and clear birds
calm	fine but calm some birds
Westerly	light variable wind & calms better squally
Westerly	middle latter squally and very light saw a few shearbirds
Westerly	fine breezes and squally weather saw a sail ahead
A.B.	all this day squally wind variable saw the sail again
A.B.	first & middle light breezes and squally latter a strong breeze
A.B.	light breezes with light rain squalls
A.B.	fine & light trades a few light squalls
A.B.	fine with light trades & passing squalls
A.B.	fine with fine trades & passing squalls
A.B.	fine with light trades & passing clouds
calm	light breezes & light airs attended with calms
A.B.	some calm middle & latter a fresh gale ship double reefed
A.B.	first part more moderate mid & latter a fresh gale following
A.B.	strong trades and hard squalls
A.B.	a fine trade but squally
A.B.	a fine trade & fine weather
A.B.	fine and a light breeze
A.B.	fine with passing clouds
East	a fine breeze with cloudy weather some the fore going
A.B.	fine with light breezes at dark saw a sail
A.B.	a strong breeze and rainy ship hove to at the east
A.B.	first and middle a fresh gale and rainy latter fine
calm	fine all this day some squalls
A.B.	fine
A.B.	fine with light squalls of rain

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ABSTRACT LOG of the

Ship: United States Fish Commission

Date	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation observed.	Bar.	THERMOMETER 9 A. M.		WINDS.	
						Air.	WATER. Surface. Depth.	First Part.	Middle Part.
8	35 16	154 3			29	21.8		SE 3	SE 6
9	35 30	154 33			29	27		SE 3	SE 6
10	35 45	154 31			29	27		SE 3	SE 6
11	35 50	154 14			29	28.8		SE 3	SE 6
12	35 53	154 00			30			SE 3	SE 6
13	35 25	154 00			30			SE 3	SE 6
14	35 12	153 40			30			SE 3	SE 6
15	35 12	153 41			30			SE 3	SE 6
16	35 00	153 30			30	4		SE 3	SE 6
17	34 50	153 20			30			SE 3	SE 6
18	40 18	142 08			29	29		SE 3	SE 6
19	41 18	137 59			29	27		SE 3	SE 6
20	41 50	133 19			29	27		SE 3	SE 6
21	42 20	128 19			29	27.1		SE 3	SE 6
22	42 50	123 27			29	28		SE 3	SE 6
23	42 16	119 58			29	29		SE 3	SE 6
24	42 50	117 34			29	29.8		SE 3	SE 6
25	42 00	115 43			29	29		SE 3	SE 6
26	41 30	115 06			29	29		SE 3	SE 6
27	42 00	114 00			29	28		SE 3	SE 6
28	41 30	112 50			29	26.3		SE 3	SE 6
29	41 00	110 30			29	26		SE 3	SE 6
30	41 07	108 27			29	26		SE 3	SE 6
1	42 18	109 00			29	25		SE 3	SE 6
2	42 40	107 20			29	25		SE 3	SE 6
3	45 12	105 32			29	24		SE 3	SE 6
4	47 35	107 33			29	22.8		SE 3	SE 6
5	48 38	99 41			29	23		SE 3	SE 6
6	48 30	97 40			29	23		SE 3	SE 6
7	48 40	95 41			29	23		SE 3	SE 6
8	49 16	93 09			29	23		SE 3	SE 6
9	49 16	91 46			29	23		SE 3	SE 6
10	50 10	90 25			29	24		SE 3	SE 6

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Reserve this for Binding.—Don't cut.

WINDS.	REMARKS.
Latter Part.	
E N E	Light Breeze latter fine breeze
" "	Fine do M staller Strong breezes
E by N	Fine do do
" "	Fresh do M st same
E N E	do do
East	do mid staller light b
" "	Light breezes saw land & several Catamarans ^{and} land
S E	Fresh do M staller same passed several sails
E S E	Fresh B. rainy squally. Water discolored ^{land} light
N. B.	first part & middle parts strong squalls latter steady trades
" "	fresh trades and fine weather saw a great many birds
" "	the latter very ripply saw a shoal black fish
" "	bark trades and fine weather
S. B. & C	bark breeze throughout weather fine
" "	fine breezes and fine weather
East	light breezes with passing squalls
S. S. & C.	light breezes & fine weather saw gull, frigate
S. B. & C.	first light middle squally & light from N to (S. B. middle)
" "	battering and less squalls saw 1 vessel one of them & master
" "	the name of S. T. Johns S. B. wanted no assistance
" "	S. B. & C. weather fine mid light saw another vessel disabled wanting help
S. B. & C.	fine weather & a fine breeze a little gull weed
S. B. & C.	first and middle fine latter squally light breeze
S. B. & C.	first part squally middle calm latter light breeze
S. B. & C.	first part fine middle part had two hard squalls
" "	lost a main topsail & fly jib latter strong gales &
" "	very heavy squalls ship under storm sails water smooth
" "	with no sail this day a strong gale & hard squalls
S. B. & C.	first part blowing a gale and squally middle more
" "	moderate latter a brisk breeze veering eastward
S. B. & C.	at this day dark cloudy weather wind very strong
" "	at 9 AM saw a fly & ribbon of a large vessel standing
" "	perpendicular with the rigging and that a black
" "	to the hull

Reserve this for Binding.—Don't cut.

ABSTRACT LOG of the

Ship - Commodore George Sumner

Date	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation observed.	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	Surface.	Depth.*	First Part.	Middle Part.
<i>7</i>	<i>33 22</i>	<i>71 1</i>			<i>29 50</i>				<i>SW</i>	<i>SW</i>
<i>8</i>	<i>31 22</i>	<i>71 54</i>			<i>29 50</i>				<i>SW</i>	<i>SW</i>
<i>9</i>	<i>31 14</i>	<i>72 30</i>			<i>29 50</i>				<i>SW</i>	<i>SW</i>
<i>9</i>	<i>38 03</i>	<i>71 29</i>			<i>29 70</i>				<i>SW</i>	<i>SW</i>

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WINDS.	
Latter Part.	REMARKS.
N.E. 1/2 E.	air calm middle & fine breeze latter fresh some lightning
S.E. 1/2 E.	a fine with strong breeze and nothing
S.E. 1/2 E.	fine weather and a strong breeze and a high swell
S.E. 1/2 E.	fine weather with light rain squalls & a fine breeze
S.E. 1/2 E.	fine weather light breeze
S.E. 1/2 E.	fine
S.E. 1/2 E.	fine
S.E. 1/2 E.	fine
S.E. 1/2 E.	fine
S.E. 1/2 E.	fine
S.E. 1/2 E.	fine with passing clouds
S.E. 1/2 E.	first light middle & latter brisk breeze some rain
S.E. 1/2 E.	a brisk breeze & some squally weather with fine
S.E. 1/2 E.	a brisk breeze & squally with a number of birds
S.E. 1/2 E.	a fine breeze & cloudy weather with passing squalls
S.E. 1/2 E.	first & middle cloudy latter a strong breeze & clear
S.E. 1/2 E.	a fresh gale & fine weather ship under close & double reef
S.E. 1/2 E.	strong breeze & cloudy latter weather clear saw kelp
S.E. 1/2 E.	first & middle strong latter light and calm
S.E. 1/2 E.	winds light and a thick fog
S.E. 1/2 E.	light and thick fog latter rainy & a strong breeze
S.E. 1/2 E.	a strong gale & stormy
S.E. 1/2 E.	strong & most reef & breezes and a high sea
S.E. 1/2 E.	a brisk breeze & cloudy
S.E. 1/2 E.	a fine breeze some fog
S.E. 1/2 E.	middle and latter light and calm latter brisk
S.E. 1/2 E.	(and cloudy)
S.E. 1/2 E.	brisk light weather cloudy with fog squalls
S.E. 1/2 E.	winds light weather cloudy
S.E. 1/2 E.	winds light & rainy
S.E. 1/2 E.	fine
S.E. 1/2 E.	fine
S.E. 1/2 E.	fine

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ABSTRACT LOG of the

Date	Latitude, at noon	Longitude, at noon	Currents, (Knots per hour)	Variation observed.	Bar.	THERMOMETER 9 A. M.		WINDS.	
						Air.	WATER. Surface. Depth.*	First Part.	Middle Part.
1	28	81			29	1		calm	calm
2	27	81			29	1			
3	27	81			29	1			
4	27	81			29	1			
5	27	81			29	1			
6	27	81			29	1			
7	27	81			29	1			
8	27	81			29	1			
9	27	81			29	1			
10	27	81			29	1			
11	27	81			29	1			
12	27	81			29	1			
13	27	81			29	1			
14	27	81			29	1			
15	27	81			29	1			
16	27	81			29	1			
17	27	81			29	1			
18	27	81			29	1			
19	27	81			29	1			
20	27	81			29	1			
21	27	81			29	1			
22	27	81			29	1			
23	27	81			29	1			
24	27	81			29	1			
25	27	81			29	1			
26	27	81			29	1			
27	27	81			29	1			
28	27	81			29	1			
29	27	81			29	1			
30	27	81			29	1			
31	27	81			29	1			
Aug 1	27	81			29	1			
2	27	81			29	1			
3	27	81			29	1			
4	27	81			29	1			
5	27	81			29	1			
6	27	81			29	1			
7	27	81			29	1			
8	27	81			29	1			
9	27	81			29	1			
10	27	81			29	1			
11	27	81			29	1			
12	27	81			29	1			

Captain being sick

unable to attend to

writing and therefore

the following is copied

from Ship's Logbook

N.W.

N.W.

N.W.

North

N.W.

N.W.

N.W.

S.W.

North

N

N.W.

N to S

South

Calm

S.W.

South

South

do

S.W.

S.W.

S.W.

"

W.S.W.

"

North

North

N.W.

West

North

North

"

"

N.W.

S.E.

"

"

"

"

"

W

"

West

West

do

N.W.

E.S.E.

N.W.

E.N.E.

N.W.

N.E.

N.E.

N.E.

Calm

N.E.

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WINDS.	REMARKS.
Latter Part.	
West	wind light weather fine on 1st
calm	wind light weather fine on 2nd
East	weather very fine wind light saw 3 ships
West	at 3 PM passed through a ship of green water
N. W.	first and middle rainy latter fine saw the 1st training
	a fine large boats & shunting sails not saw one sail
MMW	Strong breezes from MMW Latter part more moderate
N. by N	Light Breezes from MMW saw Cape Horn
N.W.	Fresh Breezes from middle Light saw Endeavour land
"	do
Calms	Strong Winds Latter Light and Calms
SW North	Light do Mid Strong some Thunder & Lightning
MMW	Strong Breezes Latter Light
SW	Light do saw 2 Pinacks
S.S.W.	do do
SW	Fresh Breezes and fine
"	do
W.S.W.	do
East	Light breezes and fine
MMW	Light Baffling winds
North	Light breezes and fine
"	do air Mid fresh breeze latter less wind
"	First fresh to Mid strong & latter same
West	do Mid more moderate latter light
E.S.E.	Light Baffling winds Mid same Latter rainy
West	Light Breeze & rainy Mid light & calm Latter light
MMW	do Mid fine breeze latter same
West	Fine Breezes and fine Mudding sail on
do	Light do Mid same
West	do Mid same Latter same
NNW	do do
do	Fine breeze and clear weather
Variable	Light do latter part Baffling
NE	Commences with calms in light air latter same

ABSTRACT LOG of the

Date	Latitude, at noon	Longitude, at noon	Currents, (Knots per hour.)	Variation observed.	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		
13	19.00	27.00							NW	NE
14	16.10	29.15							ENE	"
15	13.28	30.30							E by N	NE
16	10.50	32.30							"	"
17	8.20	34.35							"	"
18	5.12	35.00							"	East
19	2.20	36.26							East	"
20	30.55	38.28							SE	SE
21	2.07	40.20							ESE	ESE
22	4.00	42.59			29.75				from ESE	"
23	1.36	40.14			29.75				N.E.	NE
24	4.29	49.4			29.75				"	"
25	10.43	51.38			29.73				N.E. E	N.E. E
26	13.24	54.28			29.74				N.E. E	"
27	16.00	56.00			29.74				N.E.	S.W.
28	17.53	58.18			29.74				East	S.W.
29	19.30	60.04			29.85				N.E.	N.E. E
30	20.45	61.15			29.83				from N.E. E	N.E. E
31	22.31	64.08			29.86				N.E.	N.E. E
	5.00	66.4			29.76				East	N.E.
1	15.24	68.50			29.70				N.E.	N.E.
2	28.00	68.00			29.60				N.E.	N.E.
3	29.46	71.31			29.40				N.E.	N.E.
4	29.30	68.30			30.05				N.E.	N.E.
5	30.2	70.15			29.46				N.E.	East

Reserve this for Binding.—Don't cut.

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WINDS.

Latter Part.

REMARKS.

Breeze all this Day dark cloudy & rainy
 with a light breeze. Middle strong latter a gale
 with first part a gale middle latter moderate
 first part wind very fluky middle fine and
 clear wind still in puffs latter part more
 steady but light the 24 hours round have
 been in the gulf this 24 hours highest tempera-
 ture 99 at 9 passed through the water
 rip of the stream in one hour found the water
 58 at 7 P.M. 49 so ends these these remarks

Yours with respect
 Peter Cronin
 Master of
 Ship Pioneer
 New Bedford

To Lieut Morris
 M. S. Observatory
 Washington

Ⓐ—Reserve this for Binding.—Don't cut.

WINDS.	
Latter Part.	REMARKS.

Reserve this for Binding.—Don't cut.

GG—Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.
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ABSTRACT LOG of the

03-Reserve this for Binding.—Don't cut.

WINDS.	
Latter Part.	REMARKS.

Reserve this for Binding.—Don't cut.

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 N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-wood, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

55-1

~~Reserve~~ Reserve this for Binding.—Don't cut.

WINDS.	
Latter Part.	REMARKS.

Reserve this for Binding.—Don't cut.

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 N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

13-Reserve this for Binding.—Don't cut.

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 Depth from which ship's cock lets in water _____ feet _____ inches.

WINDS.	
Latter Part.	REMARKS.

Reserve this for Binding.—Don't cut.

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ABSTRACT LOG of the

Enter the wind for the point of the compass from which it has most prevailed for the eight hours; and pay particular attention to the Air and Water Thermometers.
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WINDS.	
Latter Part.	REMARKS.

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 N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

⚓—Reserve this for Binding.—Don't cut.

22-Reserve this for Binding.—Don't cut.

WINDS.	
Latter Part.	REMARKS.

Reserve this for Binding — Don't cut.

CC—Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.
 N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide rips, drift, sea weed, red fogs, or "Sirocco dust;" and send specimens of the last two.

[illegible]

Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water _____ feet _____ inches.

WINDS.	
Latter Part.	REMARKS.

W. — Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at all times, and especially when on whaling grounds.
N. B. — Always mention fogs, rain, thunder and lightning, meteors, auroras, tide rips, drift, sea weed, red fogs, or "Sirocco dust;" and send specimens of the last two.

ABSTRACT LOG of the

[illegible]

recom
Depth.

pass from which it has most prevailed for the eight hours; and pay particular attention to the Air and Water Thermometers. The ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is _____. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea; in other words fill up the following blank, viz: feet _____ inches.

McA Reserve this for Binding — Don't cut

ABSTRACT LOG of the

Enter the wind for the point of the compass from which it has most prevailed for the eight hours; and pay particular attention to the Air and Water Thermometers.
 "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz:
 Depth from which ship's cock lets in water _____ feet _____ inches.

2875-62
288-4-6
1001

2885-11
6703
2952-11

391608

371603
35-10
3690

5043/
4950
55487
6700
48687
50412
1725
16000
17725

6754

39/6.03

WINDS.	
Latter Part.	REMARKS.

{3-Reserve this for Binding.—Don't cut.

07-Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.
 N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water _____ feet _____ inches.

WINDS.	
Latter Part.	REMARKS.

Reserve this for Binding —Don't cut.

Ⓜ—Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.
 N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide rips, drift, sea weed, red fogs, or "Sirocco dust;" and send specimens of the last two.

ABSTRACT LOG of the

~~7-7~~ Reserve this for Binding.—Don't cut.

* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water _____ feet _____ inches.

WINDS.	
Latter Part.	REMARKS.

Reserve this for Binding — Don't cut.

Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when in whaling grounds.
 N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide rips, drift, sea weed, red fogs, or "Sirocco dust;" and send specimens of the last two.

ABSTRACT LOG of the

[illegible]

CG—Reserve this for Binding.—Don't cut.

Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz:

Depth from which ship's cock lets in water _____ feet _____ inches.

WINDS.	
Latter Part.	REMARKS.

Reserve this for Binding.—Don't cut.

Whalers please keep Abstract for every day they are not at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at all times, and especially when on whaling grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

CG=Reserve this for Binding.—Don't cut.

☞ Enter the wind for the point of the compass from which it has most prevailed for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz:

Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS.

Latter Part.

REMARKS.

Reserve this for Binding.—Don't cut.

Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

“Depth.” Let the water flow through the ship’s cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column “Depth.” Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship’s cock enters the sea: in other words fill up the following blank, viz:

Depth from which ship’s cock lets in water _____ feet _____ inches.

WINDS.	
Latter Part.	REMARKS.

Reserve this for Binding.—Don't cut.

QC—Whalers please keep Abstract for every day they are not at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at all times, and especially when on whaling grounds.
 N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz:—
Depth from which ship's cock lets in water _____ feet _____ inches.

WINDS.	
Latter Part.	REMARKS.

Reserve this for Binding.—Don't cut.

Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.
 N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Commander, bound from

to

18

WINDS.

Latter Part.

REMARKS.

Reserve this for binding.—Don't cut.

ABSTRACT LOG of the

Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water _____ feet _____ inches.

WINDS.	REMARKS.
Latter Part.	

Reserve this for Binding.—Don't cut.

Whalers please keep Abstract for every day they are not at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at all times, and especially when on whaling grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide rips, drift, sea weed, red fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

“Depth.” Let the water flow through the ship’s cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column “Depth.” Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship’s cock enters the sea: in other words fill up the following blank, viz: Depth from which ship’s cock lets in water _____ feet _____ inches.

WINDS.

REMARKS.

Latter Part.

Reserve this for Binding.—Don't cut.

ABSTRACT LOG of the

* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS.	
Latter Part.	REMARKS.

Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whale grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide rips, drift, sea weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

Reserve this for Binding.—Don't cut.

ABSTRACT LOG of the

“Depth.” Let the water flow through the ship’s cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column “Depth.” Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship’s cock enters the sea; in other words fill up the following blank, viz:

Depth from which ship’s cock lets in water _____ feet _____ inches.

Q—Reserve this for Binding.—Don't cut.

Commander, bound from

to

18

WINDS.

Latter Part.

REMARKS.

Reserve this for Binding.—Don't cut.

Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide rips, drift, sea weed, red fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

RESERVE this for Binding.—Don't cut.

* "Depth." Let the water flow through the dip-net, and for a little while, the water be kept in the dip-net, and pay particular attention to the Air and Water Thermometers.

"Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea; in other words fill up the following blank, viz:

Depth from which ship's cock lets in water _____ feet _____ inches.

WINDS.

REMARKS.

Latter Part.

Reserve this for Binding.—Don't cut.

ABSTRACT LOG of the

“Depth.” Let the water flow through the ship’s cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column “Depth.” Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship’s cock enters the sea: in other words fill up the following blank, viz: Depth from which ship’s cock lets in water _____ feet _____ inches.

WINDS.

Latter Part.

REMARKS.

Reserve this for Binding.—Don't cut.

ABSTRACT LOG of the

“Depth.” Let the water flow through the ship’s cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column “Depth.” Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship’s cock enters the sea: in other words fill up the following blank, viz: Depth from which ship’s cock lets in water _____ feet _____ inches.

WINDS.	
Latter Part.	REMARKS.

Reserve this for Binding. - Don't cut.

Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.
 N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide rips, drift, sea weed, red fogs, or "Sirocco dust;" and send specimens of the last two.

ABSTRACT LOG of the

Q3=Reserve this for Binding.—Don't cut.

“Depth.” Let the water flow through the ship’s cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column “Depth.” Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship’s cock enters the sea; in other words fill up the following blank, viz: Depth from which ship’s cock lets in water _____ feet _____ in-ches.

WINDS.	
Latter Part.	REMARKS.

Reserve this for binding.—Don't cut.

Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide rips, drift, sea weed, red fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water _____ feet _____ inches.

✂ Reserve this for Binding.—Don't cut.

WINDS.	
Latter Part.	REMARKS.

Reserve this for Binding. -Don't cut.

Whalers please keep Abstract for every day they are not at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at all times, and especially when on whaling grounds.
 N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide rips, drift, sea weed, red fogs, or "Strocco dust;" and send specimens of the last two.

ABSTRACT LOG of the

Let the water run through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer is recommended for observation on temperature. Enter on every page the depth below the surface at which the office for the ship's cock enters the sea; in other words fill up the following blank, viz:

Depth from the ship's cock to the water _____ feet _____ inches.

✂—Reserve this for Binding.—Don't cut.

WINDS.	
Latter Part.	REMARKS.

⑦-Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.
 N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide rips, drift, sea weed, red fogs, or "Sirocco-dust;" and send specimens of the last two.

⑧-Reserve this for Binding.—Don't cut.

ABSTRACT LOG of the

* "Depth." Let the water run through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer is recommended for all the observations for temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from water ship's cock let _____ feet _____ inches.

✂-Reserve this for Binding.—Don't cut.

WINDS.

Latter Part.

REMARKS.

Reserve this for Binding - Don't cut.

ABSTRACT LOG of the

☞ Enter the wind for the point of the compass from which it has most prevailed; or the eight winds; and pay particular attention to the Air and Water Thermometers.
☞ Depth. Let the water flow through the ship's cock for a little while; then catch a bucket full of the temperature, and enter that temperature in the column "Depth." Fahrenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea; in other words fill up the following blank, viz:
Depth from which ship's cock lets in water _____ feet _____ inches.

WINDS.

Latter Part.

REMARKS.

Q. Reserve this for binding. Don't cut.

}} } }

 Reserve this for Finding.—Don't cut.

Commander, bound from

to

WINDS.

REMARKS.

Latter Part.

Use these lines for Biplanes—Don't cut.

☞—Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

... of the

Longitude,
at noon.

Current
(Knots per hour)

Variation
of magnet.

Time

Temperature of Air, Water, & Earth.

Wind

Air.

Water.

Surface. Bottom.

First Part

Second Part

A

—

Commander, bound from *New Bedford*

to *Arctic Ocean*

18

WINDS.

Latter Part.

REMARKS.

6/3 P. M.

1763

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation observed.	Bar.	THER. 9 A. M.		WINDS.	
						Air.	Water.	First Part.	Middle Part.
25	55	53.17	---	---	29.85	80	80	"	West
26	55	51.44	---	---	29.85	79	77	W S W	"
27	55	50.15	---	---	29.85	78	76	W S W	W S W
28	55	49.12	---	---	29.90	78	76	W S W	W S W
29	55	48.28	---	---	30.00	76	74	W S W	W S W
30	55	48.16	---	---	30.00	75	74	South	South
31	55	50.00	---	---	30.05	76	75	W S W	W S W
1	55	48.00	---	---	30.05	77	75	South	South
2	56	47.30	---	---	30.05	78	75	W S W	W S W
3	55	45.38	---	---	30.05	77	76	West	W S W
4	55	43.38	---	---	30.00	76	76	West	"
5	55	42.59	---	---	30.05	76	76	W S W	W S W
6	55	42.25	---	---	30.05	76	78	calm	calm
7	55	42.17	---	---	30.00	79	78	W S W	West
8	55	40.51	---	---	30.00	79	78	W S W	West
9	55	40.01	---	---	30.20	78	78	W S W	W S W
10	55	39.45	---	---	30.05	78	78	calm	calm
11	56	38.50	---	---	30.00	78	76	W S W	W S W
12	57	36.09	---	---	30.00	78	76	W S W	West
13	57	34.14	---	---	30.00	78	77	W S W	W S W
14	58	33.20	---	---	30.00	78	77	South	W S W
15	58	34.39	---	---	30.00	78	77	South	South
16	58	33.08	---	---	30.00	77	76	North	calm
17	58	30.19	---	---	30.00	77	76	W S W	W S W
18	58	28.40	---	---	30.00	75	72	South	W S W
19	58	28.50	---	---	30.00	76	74	South	Variable

Enter the wind for the point of the compass from which it has most prevailed for the eight hours.

Ship *Cortes* *Peter Cornwall Holmes, Hol.*

WINDS.

REMARKS.

Latter Part.

N.E. fine weather with light thunder squalls
 West fine weather with light squalls & light breezes
 S.W. fine weather and light breeze. thunder picked up a fish, main boom
 S.W. " " " fine breezes thick foggy clouds
 South " " " brisk breezes saw grampuse. & caught a porpoise
 S.W. " " " with light breezes and light rain squalls
 South " " " & light breezes caught a blackfish
 S.W. " " " saw grampuses
 W.S.W. " " " light airs saw grampuses
 S.W. " " " light breezes inclining to breeze saw grampuses
 " " " Cloudy with rain squalls and a brisk breeze the most of the day
 " " " picked up a hermes

North fine with light winds. saw 3 sails passed and gaining the other
 South fine with light airs saw 4 sails all bound East
 S.W. fine with light variable airs picked up a pickapee yellow
 S.W. fine with light variable airs saw 3 sails
 N.E. fine with light airs saw 6 sails
 calm fine weather and calms saw 3 sails
 W.S.W. fine weather & light breeze & 4 sails out sail, then
 W.S.W. fine weather & a brisk breeze 4 sails
 North fine weather & a brisk breeze latter moderate
 N.E. fine weather & a light breeze at 7 AM saw 8 more large
 North fine " " fine breezes saw two sails
 W.S.W. fine " " fine breezes & a sperm whale
 North fine " " fine breezes saw 2 sails
 S.W. fine " " " landed a man at Bayal
 S.W. fine " " " saw grampuses

ABSTRACT LOG of the

Ship *Cortes Peter Cromwell*

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation observed.	Bar.	THER. 9 A. M.		WINDS.	
						Air.	Water.	First Part.	Middle Part.
27	39 25	29 53	—	—	30.00 76	74	SW	West	SW
28	39 25	30 18	—	—	29.50 75	74	S.W.	SW	SW
29	39 09	31 10	—	—	29.50 75	74	SW	SW	SW
30	39 11	31 38	—	—	30.00 75	74	Variable	Calm	Calm
31	39 29	31 10	—	—	30.00 78	76	calm	SW	SW
1 August	38 58	29 53	—	—	29.55 80	75	SW	SW	SW
2	off and near Cayal				29.50 78	75			
3	39 02	29 49	—	—	30.00 78	76	West	SW	SW
4	38 40	26 40	—	—	29.90 78	75	W. S.W.	W. S.W.	W. S.W.
5	37 50	26 22	—	—	29.90 76	74	SW	W. S.W.	W. S.W.
6	35 10	26 08	—	—	30.00 77	74	SW S.W.	W. S.W.	W. S.W.
7	34 14	24 19	—	—	30.00 77	75	SW	W. S.W.	W. S.W.
8	33 40	23 57	—	—	30.00 78	76	SW	SW	SW
9	33 07	22 52	—	—	30.00 79	77	SW	SW	SW
10	32 37	22 37	—	—	30.00 81	77	SW	SW	SW
11	31 55	22 57	—	—	30.00 80	78	West	calm	calm
12	29 40	22 38	—	—	29.90 77	74	N. S. E.	N. S. E.	N. S. E.
13	28 30	22 48	—	—	29.80 77	74	N. E.	N. E.	N. E.
14	23 27	23 11	—	—	29.80 77	75	N. S. E.	N. S. E.	N. S. E.
15	20 52	23 00	—	—	29.80 78	76	N. S. E.	N. S. E.	N. S. E.
16	18 58	22 56	—	—	29.80 78	78	N. S. E.	"	"
17	16 51	23 00	—	—	29.80 78	78	Variable	calm	calm
18	16 00	24 00	—	—	29.80 82	81	"	"	"
19	15 32	24 20	—	—	29.80 82	81	"	"	"
20	14 42	24 09	—	—	29.80 82	81	North	North	North
21	12 59	24 02	—	—	29.80 82	81	North	Variable	Variable
22	11 27	24 14	—	—	29.80 82	81	SW	SW	SW
23	10 40	23 46	—	—	29.80 82	81	SW	SW	SW
24	09 24	21 50	—	—	29.80 80	82	N. S. E.	N. S. E.	N. S. E.
25	06 53	21 00	—	—					

WINDS.

REMARKS.

Latter Part.

N.W. fine middle & latter light squalls of rain
 N.E.W. first light squalls middle & latter quite fine
 Variable first light middle & latter calm with light airs
 Variable fine with light variable breezes
 S.E.W. fine with light breezes ship off & on at Elbow
 S.W. fine with brisk and light breezes
 W.S.W. fine rather and a fine breeze
 W.W. fine with a brisk breeze and light rainsqualls
 W.S. fine with a brisk breeze saw S.T. Mopels East
 W.W. fine with brisk and light breezes
 W.S.W. fine with ~~the~~ light breezes saw one sail
 S.W. fine with light breezes saw 2 sails
 S.W. fine with light breezes saw 4 sails
 S.W. fine with light variable breezes
 S.E. fine with light variable breezes
 S.E. fine with brisk breezes saw nothing
 S.W. smoky rather with strong trades
 Variable moderate breeze & smoky
 S.E. fresh and moderate breeze ^{& smoky} saw Blackfish
 " brisk breezes & moderate rather smoky
 " brisk breezes and smoky rather
 calm light breezes and calms S.T. jagoes in sight
 " rather squally with thunder and lightning
 Variable fine and light breezes
 North fine and pleasant
 S.W. first part light middle about calm latter a fine breeze
 W.S.W. fine with light and brisk breezes
 S.E.W. fine with a strong breeze
 S.W. strong breezes & some squally saw a humplack

ABSTRACT LOG of the

Ship Cortes Peter Cromwell

Date.	Latitude, at noon.		Longitude, at noon.		Currents. (Knots per hour.)	Variation observed.	Bar.	THER. 9 A. M.		WINDS.	
								Air.	Water.	First Part.	Middle Part.
28	15	41	19	25		29-80	80	80	81	SW	SW
29	14	20	18	10		29-80	80	80	81	SW	SW
30	13	44	20	02		29-80	80	79	79	SW	SW
31	03	04	20	00		29-80	79	79	79	SW	SW
1	01	14	21	39		29-80	79	78	78	SW	SW
2	01	18	23	14		29-80	76	75	75	SW	SW
3	04	08	24	03		29-80	78	76	76	SW	SW
4	06	52	26	00		29-85	79	76	76	SW	SW
5	08	26	27	29		29-80	78	77	77	SW	SW
6	09	29	29	08		29-80	76	78	78	SW	SW
7	10	25	30	51		29-80	76	77	77	SW	SW
8	11	58	32	14		29-90	76	77	77	SW	SW
9	13	40	33	31		29-90	76	77	77	SW	SW
10	15	47	33	59		30-00	75	74	74	SW	SW
11	18	12	34	17		30-00	73	72	72	SW	SW
12	21	20	35	17		30-00	72	72	72	SW	SW
13	23	14	37	02		30-00	72	71	71	SW	SW
14	23	43	37	40		30-00	72	71	71	SW	SW
15	23	14	38	26		29-80	72	71	71	SW	SW
16	25	13	40	13		29-85	68	67	67	SW	SW
17	27	00	42	20		30-00	66	68	68	SW	SW
18	26	50	43	30		30-10	64	68	68	SW	SW
19	26	35	44	00		30-15	62	66	66	SW	SW
20	26	59	43	10		30-15	64	63	63	SW	SW
21	28	02	43	20		29-80	65	63	63	SW	SW
22	30	02	46	08		29-80	66	62	62	SW	SW
23	31	50	47	20		29-80	62	62	62	SW	SW
24	31	18	46	56		29-85	62	62	62	SW	SW
25	31	39	46	00		28-75	64	63	63	SW	SW
26	32	31	45	40						SW	SW

WINDS.

REMARKS.

Latter Part.

S.P.W.	Strong breezes and light rainsqualls
S.W.	Strong breezes & light rainsqualls
P.W.	Strong breezes and fine weather
South	Strong breezes and fine weather saw several sails
S.W.	Strong breezes and light squalls of rain saw nothing
S.P.W.	Strong breezes & brisk rainsqualls saw a finback
S.W.	Brisk breezes and fine weather saw 2 sails and finbacks
S.W.	first part fine middle squally latter fine saw 3 sail going South
South	first part squally middle and latter fine 3 sails in sight
South	first part squally middle fine latter cloudy 2 sail " "
South	first part strong middle & latter more moderate
S.P.W.	first part strong middle brisk latter fine saw a sail
S.W.	fine and pleasant saw one sail
S.W.	fine and pleasant
S.P.W.	first part fine middle & latter hard squalls & fine between them
S.W.	first fine middle light squalls latter fine
East	fine and pleasant saw a humpback & 2 sails
East	fine middle squally latter much the same saw 2 whales & got 2 Boats ^{stole} _{got nothing}
S.W.	strong breezes and cloudy
S.W.	strong breezes and cloudy a heavy sea going
South	Strong breezes and squally saw one sail
S.W.	Strong breezes and fresh squalls
S.W.	strong breezes & squally double reef, topsails
South	Strong breezes & squally found the Chronometer 1.20 ^{right} left
East	wind severely with fresh flares saw 1 sail and 2 finbacks
S.W.	Strong breezes and squally
from S.W. S.P.W.	first Strong breezes & cloudy middle some squally latter bad
S.P.W.	strong breezes and hard squalls close reef
S.P.W.	strong breezes and hard squalls
West	Strong breezes inclining to moderate. Raining

ABSTRACT LOG of the

Ship Cortes Santo Lawrence

Date.	Latitude, at noon.		Longitude, at noon.		Currents, (Knots per hour.)	Variation observed.	Bar.	THER. 9 A. M.		WINDS.	
								Air.	Water.	First Part.	Middle Part.
27	34	14	46	19		29 90	64	63	West	West	
28	34	40	48	00		29 90	64	62	West	West	
29	35	11	46	40		29 80	63	62	variable	East	
30	37	29	47	00		29 85	62	60	South	SE	
1	38	30	48	00		29 50	60	58	NE	N.N.E.	
2	40	53	48	44		29 90	62	58	SE	West	
3	41	28	49	00		29 90	60	58	SE	SE	
4	42	02	51	10		29 87	62	58	N.N.E.	SE	
5	43	00	53	30		28 80	58	47	N.E.	N.E.	
6	43	14	54	00		29 30	52	45	S.W.	W.S.W.	
7	44	05	55	34		29 30	53	51	N.N.W.	N.N.W.	
8	45	03	58	32		29 27	50	48	N.N.W.	West	
9	45	49	60	14		29 30	47	42	W.S.W.	W.N.	
10	46	36	62	13		29 33	47	42	West	West	
11	47	05	64	07		29 77	48	42	S.S.E.	South	
12	47	42	65	37		29 57	48	42	W.S.W.	SE	
13	50	02	64	58		29 60	46	41	SE	West	
14	52	08	64	56		29 10	43	42	SE	West	
15	54	00	65	15		29 20	42	41	SE	W.S.W.	
16	54	30	65	05		29 11			W.S.W.	W.S.W.	
17	55	48	66	00		29 05			SE	West	
18	56	24	66	53		29 05			SE	Variable	
19	56	29	66	50		29 35			SE	West	
20	56	40	68	32		28 80			SE	W.S.W.	
21	57	23	68	57		28 85			West	West	
22	57	30	70	14		28 35			SE	West	
23	57	31	71	22		29 25			North	West	
24	58	10	72	20		28 70			W.S.W.	W.S.W.	
25	58	21	70	58		29 00			W.S.W.	W.S.W.	
26	57	47	71	41		29 35			W.S.W.	SE	

WINDS.

REMARKS.

Latter Part.

N.E.	first part squally but middle & latter fine
calm	fine and pleasant
N.E.	four part fine middle & latter more moderate & cloudy
N.E.	four part & middle fine latter cloudy
N.W.	strong breezes & hard squalls latter a heavy gale with rain
West	strong breeze & clear weather saw finbacks ^{a high cross sea}
calm	fine with a strong breeze latter calm
N.E.	fine with a light breeze middle & latter brisk breezes saw
N.E. to South	first part fine middle a fine breeze and sun rain latter a heavy gale ^{with rain and hard squalls} ^{finbacks}
N.W.	first part a strong gale middle more moderate latter a gale weather clear
N.W.	first part a brisk breeze middle & latter much the same some rain
West	first part a brisk breeze middle & latter the same weather fine
West	first part a fine breeze middle rainy latter a strong breeze and cloudy
variable	first part a brisk breeze middle & latter moderate fine weather
variable	fine and pleasant
N.W.	fine and pleasant } saw 6 ships at anchor in Seabair Bay
N.W.	strong breezes and fine weather
North	first part fine middle and latter cloudy & overcast
N.W.	a heavy gale but quite fine overhead Broke the -
N.W.	a hard gale passed through the straits of La Maire ran a ship
N.W.	a brisk breeze middle & latter a heavy gale and very hard squalls ^{at anchor}
calm	from a gale to a calm and from a storm to fine weather ^{of heavy rain & snow}
N.W.	fine with light squalls middle rainy latter fine with a brisk breeze
N.W.	fine middle quite fine with a strong breeze latter a heavy gale rain & snow at - east Eve
West	^{Bannypelt's Island 3 miles N.W. of Cape Melville} all this 24 hours a very heavy gale & harder squalls with a high sea going ships and
North	^{lost sight of schooner of 200 tons} first part a strong breeze middle and latter a hard gale saw a ball officer in the ship
South	first part a strong breeze with snow & rain middle & latter a very heavy gale with snow & hail
N.W.	strong gale middle a strong breeze latter a heavy gale with rain
from N.W. to N.E.	a very bad 24 hours it has hailed rain & snow & lost topmast & sails & boat
N.W.	for five hours it blew tremendous with a very heavy cross sea
N.W.	first part stormy middle and latter fine

ABSTRACT LOG of the

Ship Cortes Peter Somwell

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation observed.	Bar.	THER. 9 A. M.		WINDS.	
						Air.	Water.	First Part.	Middle Part.
27	58:25	73 08		28:85				W S W	W S W
28	57:07	73 12		29 25				W S W	W S W
29	57:13	74:50		28:80				W S W	W S W
30	56:40	75:20		28:80				W S W	W S W
31	55:38	76:50		29:20				W S W	W S W
1	55:25	77:19		29 00				W S W	W S W
2	54:29	78 39		28:50				W S W	W S W
3	53:10	78:59		28:90				W S W	W S W
4	50:57	78:32		29:15				W S W	W S W
5	50:32	79:08		29:00				W S W	W S W
6	50:30	79:03		28:80				W S W	W S W
7	48:35	79:30		29:10				W S W	W S W
8	47:25	79 44		29:85				W S W	W S W
9	46:10	80:20		29 80				W S W	W S W
10	45:50	79:00		29 85				W S W	W S W
11	45:40	78:50		29 90				W S W	W S W
12	45 50	78 00		29 90				W S W	W S W
13	45 32	77 50		29 95				W S W	W S W
14	46 27	77 30		29:85				W S W	W S W
15	45 45	77 00		29 80				W S W	W S W
16	46 10	76 41		29 90				W S W	W S W
17	46 02	77 12		29 90				W S W	W S W
18	46:19	77 37		29 70				W S W	W S W
19	46 20	77:25		29:70				W S W	W S W
20	46 41	76 34		29 70				W S W	W S W
21	46 30	77:00		29:75				W S W	W S W
22	46 15	77 30		29:50				W S W	W S W
23	46 30	77 40		29:30				W S W	W S W
24	45 45	77 30		29 80				W S W	W S W
25	44 48	77:40		29 70				W S W	W S W

WINDS.

Latter Part.

REMARKS.

W.S.P. first part fine middle a strong breeze latter a fresh gale and rainy saw a ship bound
W.S.P. first cloudy & a strong breeze middle & latter quite fine for Cape Horn
S.W.P. first clear with a strong breeze middle & latter strong breezes & rainy
S.P.W. all this 24 hours a continual change from sail rain snow & a sunshin
variable all this 24 hours a strong gale with hard squalls
W.S.P. first & middle dirty with rain and a strong gale latter a strong breeze
S.P.W. first strong breezes and squalls middle & latter moderat gale thick and rainy
S.W. strong breeze and rainy middle & latter cloudy and a fresh breeze
West first part a fine breeze middle light latter a brisk breeze & squalls
S.P.W. strong breezes and a heavy gale with unselected weather
S.W. a heavy gale and high sea & a plenty of rain
W.S.P. first part a strong breeze & squalls middle moderate the same latter quite fine
S.S.E. all this 24 hours fine and pleasant. the first 23 days
E.S.E. all this 24 hours a strong breeze and and cloudy weather
S.S.E. all this day brisk breezes & fine weather: saw a R. whale
S.S.E. all this day brisk breezes and cloudy saw a R. whale
North all this day brisk breezes and quite fine saw nothing
North fine & brisk breezes & some cloudy saw 2 S.W. gasts
W.S.P. cloudy and brisk breezes saw several gasts
West cloudy and a light drizzle of rain " " "
S.W. a strong breeze & squalls " " "
S.W. weather very changable from fair to bad saw plenty of R. wh.
N.S.W. fine weather and a light gale " " "
S.S.W. a strong breeze & foggy weather Nothing
S.W. a strong breeze middle & latter finer and more moderate saw Desmontus
W.S.P. first part a strong breeze middle & latter rainy saw Blackfish
W.S.P. first part rainy middle & latter finer
S.W. strong breezes & squalls
West first fine middle cloudy latter rainy
S.W. dirty rainy weather with a strong breeze

ABSTRACT LOG of the

Ship Vixen Peter Cornwall

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation observed.	Bar.	THER. 9 A. M.		WINDS.	
						Air.	Water.	First Part.	Middle Part.
23	11 - 19	79 - 54		29 80				S.W.	S.W.
27	11 - 54	77 - 09		29 85				S.W.	S.W.
28	11 - 12	75 - 00		30 00				South	S.W.
29	10 - 30	74 - 29		29 75				South	S.W.
30	27 - 58	74 - 55		29 75				South	South
	27 - 2	75 - 20		29 75				S.W.	S.W.
	29 - 00	74 - 00		29 75				S.W.	S.W.
	28 - 44	75 - 00		29 79				S.W.	calm
	28 - 28	74 - 20		29 90				S.W.	S.W.
	28 - 25	74 - 50		29 93				S.W.	S.W.
	28 - 14	73 - 56		29 93				S.W.	South
7	28 - 05	75 - 00		29 95				S.W.	S.W.
8	27 - 20	75 - 50		29 95				S.W.	S.W.
9	27 - 07	75 - 00		29 95				S.W.	S.W.
10	26 - 23	77 - 42		29 90				S.W.	S.W.
11	25 - 16	79 - 09		30 00				S.W.	S.W.
12	23 - 46	79 - 00		30 00				S.W.	S.W.
13	23 - 04	78 - 05		30 00				S.W.	S.W.
14	21 - 55	77 - 55		29 90				N.W.	N.W.
15	20 - 51	76 - 55		30 00				N.W.	N.W.
16	29 - 57	76 - 09		30 00				S.W.	S.W.
17	28 - 51	75 - 13		30 00				S.W.	S.W.
18	28 - 09	74 - 34		30 00				S.W.	variable
19	27 - 00	73 - 22		29 90				S.W.	South
20	24 - 52	71 - 40		29 90				S.W.	S.W.
21	23 - 27	70 - 40		29 90				S.W.	S.W.
22	in Mexicos Bay			29 95				variable	South
23	23 - 00	71 - 00		29 90				S.W.	Calm
24	22 - 20	73 - 00		29 90				South	South
25	21 - 05	73 - 50		29 90				South	South

ABSTRACT LOG of the

Ship Cortes Peter Cromwell

Date.	Latitude at noon.		Longitude at noon.		Currents. (Knots per hour.)	Variation observed.	Bar.	THER. 9 A. M.		WINDS.	
								Air.	Water.	First Part.	Middle Part.
26	20	54	74	00		29	85			P.P.	South
27	19	54	73	17		29	85			P.P.	P.P.
28	18	50	73	55		29	85			South	South
29	17	40	74	00		29	85			P.P.	P.P.
30	17	13	73	20		29	80			P.P.	P.P.
31	16	28	74	00		29	80			P.P.	P.P.
Jan 1st 52	15	25	75	40		29	80			South	P.P.
2	14	31	79	02		29	80			P.P.	P.P.
3	13	17	79	35		29	80			P.P.	P.P.
4	12	26	80	47		29	80			P.P.	P.P.
5	12	57	81	00		29	80			P.P.	P.P.
6	11	49	82	00		29	80			P.P.	P.P.
7	11	08	82	55		29	80			P.P.	P.P.
8	10	55	83	41		29	80			P.P.	P.P.
9	8	47	85	00		29	80			P.P.	P.P.
10	7	42	87	00		29	80			P.P.	P.P.
11	6	49	89	05		29	80			P.P.	P.P.
12	6	38	89	40		29	80			P.P.	P.P.
13	6	17	90	15		29	8			P.P.	P.P.
14	6	11	92	20		29	78			P.P.	P.P.
15	6	21	95	00		29	78			P.P.	P.P.
16	6	09	97	00		29	78			P.P.	P.P.
17	5	49	99	50		29	78			P.P.	P.P.
18	5	39	103	00		29	78			P.P.	P.P.
19	5	08	104	20		29	78			P.P.	P.P.
20	4	56	106	39		29	78			P.P.	P.P.
21	4	40	107	00		29	78			P.P.	P.P.
22	3	56	108	20		29	75			P.P.	P.P.
23	3	11	109	35		29	75			P.P.	P.P.
24	2	52	112	40		29	75			P.P.	P.P.

WINDS.		REMARKS.
	Latter Part.	
P.P.H.	fine and pleasant	saw abundance of porpoises
P.P.B.	fine & pleasant with light breeze	" "
S.E. B. B.	fine & pleasant with a light breeze	" caught a turtle
S.E. B.	fine with light breeze	saw blackfish
P.P.B.	fine with a brisk breeze	saw the coast of Peru
P.P.B.	fine with a fine breeze and pleasant	" "
P.P.B.	fine with a light breeze	" "
P.B.	fine with a light breeze	" "
E.S.E.	fine with a light breeze	" "
P.S.B.	fine and a fine breeze	" "
P.P.B.	fine & a brisk breeze	saw 2 sails
P.B.	fine with a light breeze	saw B. fish. wild
P.S.B.	fine with a light breeze	" " "
P.P.	fine with a light breeze	" " "
P.P.	fine with a light breeze	" " "
P.P.B.	fine with a light breeze	" " "
P.P.B.	fine with a brisk breeze	saw B. fish
P.B.	fine with a brisk breeze	" " "
S.E.B.	fine with a brisk breeze	" " "
P.P.	fine with a fine breeze	caught 5 B. fish
P.P.	fine with a light breeze	" " "
R.B.	fine with a brisk breeze	" " "
P.P.B.	fine but smoaky with a brisk breeze	" " "
P.P.B.	fine with smoaky weather & a brisk breeze	" " "
P.P.B.	fine with light squalls	brisk breezes
P.P.B.	fine with light squalls & a brisk breeze	" " "
P.B.	fine with light breeze	" " "
E.S.E.	fine with light breeze	ground everywhere deserted by
P.B.	fine with a brisk breeze	all whale kind
P.B.	fine with a light breeze	" " "

ABSTRACT LOG of the

Ship Cortes Peter Cromwell

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation observed.	Bar.	THER. 9 A. M.		WINDS.	
						Air.	Water.	First Part.	Middle Part.
25	2: 33	113: 41		29 75				SSE	SSE
26	7: 56	115: 00		29 80				SSE	SSE
27	1: 23	116: 10		29 80				SSE	SSE
28	1: 15	118: 05		29 80				SSE	SSE
29	1: 01	119: 44		29 80				SSE	SSE
30	" 46	121 30		29 78				SSE	SSE
31	" 13	122 29		29 78				East	SSE
1	" 65	123 30		29 78				SSE	SSE
2	" 11	124 11		29 72				SSE	SSE
3	" 12	125 11		29 72				SSE	SSE
4	1: 51	127 01		29 77				SSE	SSE
5	4 29	128 17		29 70				East	SSE
6	6: 40	130 00		29 69				SSE	SSE
7	8 49	132 20		29 69				N.E.	N.E.
8	10 30	135 00		29 70				N.E.	N.E.
9	12 40	138 00		29 78				SSE	SSE
10	14 20	141 00		29 78				SSE	SSE
11	15 55	143 36		29 72				SSE	SSE
12	17 23	147 00		29 72				N.E.	N.E.
13	18 06	149 47		29 80				SSE	SSE
14	19 03	152 17		29 80				East	East
15	19 43	154 14		29 82				SSE	SSE
16	19 48	155 00		29 80				East	East
March 9	21 30	160 00		29 78				SSE	Variable
10	21 45	180 46		29 78				Variable	N.E.
11	21 17	161 50		29 82				N.E.	N.E.
12	21 00	165 10		29 90				North	North
13	21 37	169 7		29 90				SSE	SSE
14	22 28	171 29		29 95				N.E.	N.E.
15	22 21	172 25		29 95				SSE	North

WINDS.

Latter Part.

REMARKS.

P.D.	fine weather and a fine breeze	mites a heavy dew	Strong current of tide
S.D.	fine with a brisk breeze	"	"
S.D.	fine with a light breeze	"	"
S.D.	fine with a light breeze	dry mites	"
S.D.	fine with a fine breeze	heavy dew	"
S.D.	fine with a fine breeze	"	"
S.D.	fine with a fine breeze	"	"
S.D.	fine with a light breeze	"	"
S.D.	first fine latter middle mites the latter light squalls & rain	"	"
S.D.	first & middle fine with a brisk breeze latter light rain squalls	"	"
S.D.	fine and a brisk breeze a few light rain squalls	"	"
S.D.	fine & pleasant and a fine breeze	"	"
S.D.	fine with a brisk breeze middle & latter squally with plenty of wind & rain	"	"
S.D.	thick rainy & a strong breeze with Thunder & Lightning	"	"
S.D.	first a strong breeze & rainy middle more pleasant latter a strong breeze	"	"
S.D.	first a strong breeze & light squalls middle & latter fine & strong breeze	"	"
S.D.	first part fine with a strong breeze middle & latter cloudy & strong breeze	"	"
S.D.	first fine middle squally latter fine brisk breeze	"	"
S.D.	fine with a fine breeze & light squalls	"	"
S.D.	first part fine middle & latter parts squally	"	"
S.D.	fine and a fine breeze	"	"
S.D.	fine and a light breeze middle & latter squally and a strong breeze	"	"
S.D.	first squally with rain middle thick and cloudy latter fine	"	"
S.D.	first part cloudy middle & latter raining	"	"
S.D.	first & middle raining latter quite fine	"	"
S.D.	fine & pleasant	"	"
S.D.	fine	"	"
S.D.	first part fine middle & latter brisk breezes and fog	"	"
S.D.	variable fine weather and a light breeze	"	"
S.D.	fine weather and light variable breezes	"	"

ABSTRACT LOG of the

Ship *Courier of New Bedford* *Feb. 1881*

Date.	Latitude, at noon.		Longitude, at noon.		Currents. (Knots per hour.)	Variation observed.	Bar.	THER. 9 A. M.		WINDS.	
								Air.	Water.	First Part.	Middle Part.
March											
16	20	18	174	20			29.75			variable	N. N. E.
17	23	25	175	27			29.75			"	Variable
18	24	08	176	31			29.88			West	from N. N. E.
19	24	17	177	54			29.74			Variable	variable
20	25	23	178	44			29.79			West	N. N. E.
21	25	51	179	05	East		29.65			N. N. E.	N. N. E.
22	26	09	176	04	"		29.80			N. N. E.	N. N. E.
23	26	17	173	52			29.85			N. N. E.	N. N. E.
24	26	58	171	02			29.85			N. N. E.	N. N. E.
25	27	45	170	12			29.86			N. N. E.	N. N. E.
26	28	09	168	41			29.90			N. N. E.	N. N. E.
27	29	12	167	40			29.90			East	N. N. E.
28	30	10	165	40			29.65			N. N. E.	N. N. E.
29	33	19	166	31			29.50			N. N. E.	N. N. E.
30	34	13	166	45			29.50			N. N. E.	N. N. E.
31	34	40	166	20			29.90			N. N. E.	N. N. E.
April 1	34	40	164	21			30.10			North	N. N. E.
April 2	36	06	165	03			30.30			N. N. E.	N. N. E.
3	37	53	165	00			30.30			N. N. E.	N. N. E.
4	40	00	165	00			30.10			N. N. E.	N. N. E.
5	42	25	164	18			29.80			N. N. E.	N. N. E.
6	45	00	164	50			29.50			South	South
7	44	40	165	10			29.80			South	South
8	43	49	164	09			30.00			N. N. E.	N. N. E.
9	46	06	164	40			29.70			N. N. E.	N. N. E.
10	47	20	164	30			29.40			N. N. E.	N. N. E.
11	47	15	165	31			29.60			N. N. E.	N. N. E.
12	47	51	162	41			30.10			N. N. E.	N. N. E.
13	49	52	163	42			30.00			West	N. N. E.

WINDS.

REMARKS.

Latter Part.

N.E.	fine with light breeze
N.W.	fine and pleasant weather saw nothing
N.E. & S.W.	first part fine middle & latter a strong breeze & squally
S.E. & W.	fine with light breeze, first & middle. latter a strong breeze
S.E. & W.	first fresh breeze & cloudy middle squally latter fine
E. & S.E.	first & middle parts fine latter cloudy and a strong breeze
S.E. & S.	first part cloudy middle rainy latter fine a strong breeze all the 24 hours
East	first part middle & latter fine and a moderate breeze
E. & S.E.	all this 24 hours fine and a fine breeze
N.W.	first part rainy middle & latter fine
S.E. & S.	all this 24 hours fine and moderate
S.E.	all this 24 hours fine and pleasant
S.W.	first part fine middle back breezes and light squalls latter rainy
N.W. & S.W.	first part a strong gale and rainy middle & latter strong breeze & cloudy water greenish
West	first part a strong gale middle a heavy gale with rain latter more moderate
N.W. & S.W.	first part a strong gale & squally middle & latter more moderate
N.E.	first part a strong breeze middle & latter fine
E. & S.E.	all this 24 hours fine and a light breeze saw whale feed
S.E. & S.	all this 24 hours fine & pleasant
South	all this day a light and cloudy saw wild ducks and a sail
"	all this day a fine breeze and cloudy
North	first part fine middle & latter a gale attended with hail rain & snow
N.W. & S.W.	first & middle parts strong gales & bad weather latter more pleasant & not cold
E. & S.E.	first part fresh gale middle & latter part fine
S.E.	first & middle parts fine latter a brisk breeze and cloudy
N.W. & S.W.	first part snow & sleet middle and latter parts a heavy gale
N.E.	first part strong gale middle & latter more moderate
Calm	first part a strong breeze middle a light breeze latter calm & fine
S.W.	all this 24 hours fine for the season

ABSTRACT LOG of the

Ship Cortes Peter Cromwell

Date.	Latitude, at noon.		Longitude, at noon.		Currents, (Knots per hour.)	Variation observed.	Bar.	THER. 9 A. M.		WINDS.	
								Air.	Water.	First Part.	Middle Part.
April 14	52	25	164	29		30	00			N. E. by E	N. E. by E
15	54	44	163	30		29	50			S. by E	South
16	55	15	164	22		29	60			S. by E	S. by E
17	55	20	164	00		28	80			S. by E	S. by E
18	55		163	20		28	50			S. by E	S. by E
19	54	00	164	10		28	60			from S. by E	S. by E
20	54	20	165	01		27	15			N. E. by E	N. E. by E
21	54	44	165	00		29	35			N. E. by E	West
22	55	27	165	42		29	40			N. E. by E	South
23	56	46	165	30		29	20			S. by E	S. by E
24	56	54	165	56		29	05			East	S. by E
25	56	30	165	42		29	10			Calm	Calm
26	57	00	167	45		29	50			S. by E	S. by E
27	57	03	167	09		29	70			S. by E	S. by E
28	57	34	170	13		29	85			N. E. by E	West
29	58	53	173	07		29	90			S. by E	S. by E
30	60	02	177	07		29	90			S. by E	South
May 1	60	38	177	01		29	80			East	N. E. by E
2	60	20	177	40		29	60			N. E. by E	N. E. by E
3	61	10	176	00		29	65			N. E. by E	S. by E
4	60	45	178	20		29	65			North	North
5	60	30	178	00		29	60			N. E. by E	N. E. by E
6	60	49	164	50		29	55			variable	S. by E
7	60	38	167	00		29	52			N. E. by E	S. by E
8	60	01	170	00		29	55			S. by E	South
9	58	17	173	12		29	30			N. E. by E	N. E. by E
10	57	35	169	48		29	05			variable	S. by E
11	56	59	168	44		29	20			N. E. by E	South
12	55	03	165	40		29	35			S. by E	N. E. by E
13	53	43	164	54		29	60			N. E. by E	S. by E
14	53	45	164	19		29	65			Calm	S. by E

WINDS.

REMARKS.

Latter Part.

W.P.P.	all this 24 hours fine
P.P.	first part quite fine middle & latter rain & fog g. saw 1 B.W.
P.P.	all this 24 hours fine with a little fog saw the land
E.S.P.	first part fine latter middle & latter a heavy gale & snow
E.S.P.	all this 24 hours a heavy gale and a high sea embay, in the snow rain & lightning.
N.S.P.	first & middle parts light breeze & snow latter a very heavy gale it came in a squall
N.W.	first part a heavy gale from S.W. middle & latter part a little more moderate
P.W.	first part a strong breeze middle a fine breeze latter light
N.W.	first part fine & light breeze middle snow latter quite fine
East	first part a brisk breeze middle light and fine latter strong & cloudy
P.P.	first part a heavy gale middle & latter more moderate snow all the 24
N.S.P.	first strong middle moderate latter brisk breeze & cloudy
P.P.	first part moderate middle & latter a brisk breeze and snow saw a
L.P.	first part moderate with snow middle latter a strong breeze and ^{clouds} very cold
P.W.	all this 24 hours a brisk breeze and clear weather attended snow
P.P.	all this 24 hours fine with a few snow squalls wind brisk & light
E.S.P.	all this 24 hours fine saw one Barque
N.S.P.	all this 24 hours quite fine spoke Barque Venus. saw the ice
N.B.	all this 24 hours cloudy and a strong breeze very cold ice more
N.S.P.	all this 24 hours fine for the season " " " " " " " " " " " "
North	light breezes and snow squalls caught seals " " " " " "
North	light breezes and fine weather " " " " " "
North	fine breezes and light snow squalls " " " " " "
N.B.	fine breezes and squally weather " " " " " "
N.W.	first part snowy middle & latter fine (no ice)
South	first part brisk breeze and clear middle & latter variable
E.S.P.	first part fine middle & latter squally with snow & rain
N.W.	first part light breeze & snow squalls in P.M. a strong breeze with
N.W.	first part a strong breeze middle & latter a fine breeze and fine weather ^(snow squalls)
Variable	all this 24 hours fine & pleasant ^{saw Biringer Island}
Calm	all this 24 hours fine with light breezes attended with calm

ABSTRACT-LOG of the

Ship Cortes Peter Cornwall

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation observed.	Bar.	THER. 9 A. M.		WINDS.	
						Air.	Water.	First Part.	Middle Part.
May 15	53 58	153 57			29 72			South	Calm
16	53 30	150 10			29 50			Variable	S.W.
17	52 55	159 50			29 40			S.W.	S.W.
18	52 15	151 00			29 40			S.W.	Calm
19	51 26	158 26			29 70			N.E.	variable
20	50 02	155 40			29 10			S.W.	N.E.
21	49 39	155 43			29 70			N.E.	S.W.
22	50 30	153 16			29 10			S.W.	East
23	51 30	152 30			29 40			N.E.	South
24	51 31	152 12			29 40			S.W.	S.W.
25	52 33	152 44			29 60			N.E.	S.W.
26	55 33	151 39			29 40			South	S.W.
27	56 25	151 10			29 40			S.W.	S.W.
28	56 02	149 41			29 50			S.W.	S.W.
29	55 59	146 38			29 60			S.W.	S.W.
30	55 41	145 00			29 70			N.E.	South
31	55 40	145 30			29 70			Calm	Calm
June 1	58 45	146 08			29 80			Calm	East
2	57 44	148 15			29 50			East	East
3	57 10	146 10			29 40			S.W.	S.W.
4	57 50	146 20			29 60			S.W.	S.W.
5	57 28	145 50			29 65			S.W.	S.W.
6	57 40	148 00			29 70			East	East
7	57 50	148 40			29 50			S.W.	S.W.
8	58 10	149 30			29 35			S.W.	S.W.
9	57 40	149 50			29 60			Calm	S.W.
10	57 50	150 00			29 05			S.W.	S.W.
11	58 00	150 30			28 23			S.W.	S.W.
12	58 03	151 00			29 40			S.W.	S.W.
13	57 50	150 50			29 60			Calm	Calm
14	58 10	151 10			29 50			S.W.	S.W.

Enter the wind for the point of the compass from which it has most prevailed for the eight hours.

WINDS.

REMARKS.

Latter Part.

all this 24 hours fine and pleasant winds light saw. The
 first & middle fine latter a snow storm saw Cape Kina
 all this 24 hours a snow storm and a fine breeze saw Cape Chipmunk
 first & middle parts light air with snow rain latter fine
 all this 24 hours fine with a light breeze a fine breeze land in sight
 first fine middle & latter parts a heavy gale & a thick snow storm
 first & middle stormy latter fine saw the land
 first & middle quite fine latter a heavy gale & a bad storm
 first part a gale & stormy middle & latter a fine breeze & foggy
 first part fine middle foggy latter milder a heavy swell from N. saw a B.H.
 first part a brisk breeze middle light latter milder the same
 first and middle parts a strong breeze latter more moderate foggy
 all this 24 hours a strong breeze and a hard storm
 a brisk breeze & a snow storm attended with foggy
 a brisk breeze & quite clear
 light air and calms foggy & snow
 Calms and fine
 first part calm middle a light breeze and foggy latter a fine breeze & foggy
 a strong breeze from & foggy saw B.H. and the ice
 thick & foggy
 thick & foggy
 fine with light flutes off foggy saw B.H.
 fine water discolored caught B.H.
 first part & middle a strong breeze & bad weather latter foggy
 all this 24 hours a rain storm water redish
 all this 24 hours a hard rain storm I have not the sun for
 all this 24 hours stormy
 light breezes and foggy Caught a bohead
 light breezes and foggy
 a fresh gale & rainy latter better saw B.H.

ABSTRACT LOG of the

Ship Cortes of New Bedford

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation observed.	Bar.	THER. 9 A. M.		WINDS.	
						Air.	Water.	First Part.	Middle Part.
June 15	57 40	151 40		29 60				N.W.	West
16	58 20	152 10		29 70				S.W.	S.W.
17	58 00	152 20		29 50				variable	do
From the 17th of June to first of October in the Gulf of Davis.									
of them from East to S.E. by the South. Polar Whales in sight of the.									
Oct 5th	55 00	148 16		29 70				variable	calm
7	54 08	149 16		29 90				S.W.	S.W.
8	53 23	148 27		30 00				variable	S.E.
9	52 59	150 15		30 15				South	South
10	51 52	152 31		30 20	Falling			S.W.	S.W.
11	50 58	154 00		30 05				S.W.	S.W.
12	50 49	153 47		29 80				S.W.	S.W.
13	51 06	152 21		29 70				S.W.	S.W.
14	51 30	151 00		28 80	at a stand			S.E.	S.E.
15	50 23	152 27		29 30	Rising			S.W.	West
16	49 19	152 33		29 20				variable	all points
17	48 50	153 00		29 15				variable	West
18	47 58	158 27		29 47				West	West
19	47 16	160 00		29 55				West	West
20	46 35	164 07		29 85				West	West
21	46 00	168 21		30 00				West	West
22	45 35	172 20		29 85				S.W.	S.W.
23	45 35	174 00		28 40				S.W.	S.W.
24	45 15	175 00		29 10				W. S.W.	S.W.
25	44 27	179 20		29 30				West	West
26	44 11	178 30		29 20				W. S.W.	S.W.
27	43 30	174 44		29 40				West	West
28	42 30	173 38		28 80	fell at 12 on 28 39 falling			W. S.W.	West
29	42 02	172 15		29 00				from S.W. S.W.	S.W.
30	40 26	169 51		29 50				W. W.	W. S.W.

WINDS.

Latter Part.

REMARKS.

S.S.W. all this 24 hours fine with a fine breeze
 S.W. first & middle part a strong breeze latter light fine
 Do all this 24 hours fine weather
 the weather generally good. Had but two gales during this time boats
 time took 23 of them grading 2500 Barrels
 S.S.W. quite fine. a few rain squalls
 S.W. fine & pleasant with a light breeze
 South all this 24 hours fine & pleasant
 S.W. all this 24 hours a fine breeze & cloudy
 S.S.W. first part fine middle & latter a brisk breeze & cloudy
 S.S.W. all this 24 hours a strong breeze sometimes clear & fine
 S.S.W. all this day a fresh gale and cloudy
 S.S.W. all this day a fresh gale & a rainstorm
 S.S.W. at this day a heavy gale & a rainstorm
 S.S.W. first part a gale & stormy middle a brisk breeze hail squalls & heavy sea
 of the compass first part quite fine middle & latter bad but not much
 W. first part calm middle & latter a strong breeze squally passing through the Strait
 West all this day a strong breeze attended with snow squalls
 West first and middle fine latter part attended with hail & rain
 West all this day a strong breeze & squally. Snow & rain
 W.S.W. first and middle thick & cloudy latter a light rain & fog
 S.W. first breeze & clear middle much the same latter a gale
 S.W. first a strong breeze middle a heavy gale latter a hurricane
 S.W. first part a hurricane middle a heavy gale latter better
 West first part a strong gale middle moderate rain latter a strong gale & hail
 S.S.W. first part quite fine middle rain and a hard gale latter clear & blowing strong
 W.S.W. first rainy middle fine high wind latter a gale & hard squalls
 S.W. first and middle a strong gale & squally latter a rainstorm lightning
 West first part a strong breeze & rain, m. & l. a heavy gale with rain fair m. & l. squally
 W.S.W. first part a strong gale & hard squalls m. & l. fine

ABSTRACT LOG of the

Ship *Vortex* Peter Cronwell

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation observed.	Bar.	THER. 9 A. M.		WINDS.	
						Air.	Water.	First Part.	Middle Part.
Oct 21	37. 08	168. 01			29 30			West	SW
Nov 1	38. 02	164. 29			29 60			W N W	W N W
2	36. 20	162. 01			29 90			SW	SW
3	34. 17	157. 34			29 80			SW	SW
4	32. 10	157. 10			29 60			SW	SW
5	29. 53	155. 20			29 75			SW	SW
6	27. 54	155. 50			29 85			W N W	W N W
7	27. 13	154. 00			29 90			SW	SW
8	26. 26	153. 33			29 90			SW	SW
9	26. 00	154. 00			29 80			variable	calm
10	24. 46	154. 17			29 90			SW	SW
11	23. 46	154. 20			29 90			SW	SW
12	23. 17	154. 25			29 90			calm	variable
13	23. 13	155. 09			29 90			"	calm
14	22. 58	155. 20			29 87			"	"
15	21. 17	156. 00			29 87			"	"
Dec 1									
17	00 38	153. 20			29 73			SW	SW
18	02. 05	153. 26			29 60			SW	SW
19	04. 28	153. 19			29 68			SW	SW
20	06. 56	153. 14			29 68			SW	SW
21	9. 23	152. 43			29 73			SW	SW
22	11. 32	152. 17			29 71			SW	SW
23	13. 28	152. 15			29 75			SW	SW
24	15. 20	152. 04			29 75			East	East
25	16. 14	152. 49			29 79			East	East
26	18. 40	152. 14			29 76			East	East
27	22. 20	151. 00			29 76			East	East
28	23. 00	150. 50			29 76			SW	East
29	25. 17	150. 30			29 78			East	SW

Capt Lick

WINDS.

Latter Part.

REMARKS.

S W first fine middle & latter parts very heavy squalls a gale & rain
 S W first a gale and squally middle & latter more moderate with light squalls
 S W first and middle a fine breeze & light squalls latter a fresh breeze & rain
 S W all this day a fresh breeze & cloudy with light rain squalls
 S W all this day a fresh gale & rainy
 S W all this day a strong breeze and squally
 S W all this day fine. the first for 21 days
 S W all this day fine & pleasant wind light
 S W all this day fine weather and light breeze
 Variable first & middle fine latter cloudy & rainy
 S W all this day fine and light breeze
 S W all this day fine and light breeze
 variable all this day fine and calm with light air
 calm all this day fine weather but perplexing
 S W all this day fine & pleasant & a light breeze
 S W fine and a fine breeze saw the land. (Morice)
 S W fine and
 S W fine and pleasant saw Porpoises
 East fine and pleasant wind brisk
 S W first & middle light squalls latter fine
 East all this day fine and pleasant a strong current to the west
 S W all this day fine and pleasant wind light experienced less
 East all this day fine & light breeze saw Pelinto Island Current
 East all this day light breeze & cloudy. Thunder & lightning
 East first part fine middle squally with thunder & lightning latter fine
 S W all this day fine with light breeze saw 4 of the Societies and passed between Bolabola & Marna
 East all this day fine and a fine breeze
 East all this day fine and a light breeze *
 East all this day fine and a light breeze
 S W all this day fine with a light breeze

ABSTRACT LOG of the

Steamship Cortes Peter Cromwell

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation observed.	Bar.	THER. 9 A. M.		WINDS.	
						Air.	Water.	First Part.	Middle Part.
<i>Jan 27</i>	<i>South 03</i>	<i>West 150:27</i>			<i>29</i>	<i>76</i>		<i>S.S.E.</i>	<i>S.S.E.</i>
<i>28</i>	<i>09:14</i>	<i>149:48</i>			<i>29</i>	<i>78</i>		<i>S.S.E.</i>	<i>S.E.</i>
<i>29</i>	<i>30 14</i>	<i>148:36</i>			<i>29</i>	<i>78</i>		<i>S.S.E.</i>	<i>West</i>
<i>30</i>	<i>30 52</i>	<i>148:52</i>			<i>29</i>	<i>80</i>		<i>S.S.E.</i>	<i>East</i>
<i>31</i>	<i>01</i>	<i>147:03</i>			<i>29</i>	<i>78</i>		<i>S.S.E.</i>	<i>S.S.E.</i>
<i>1</i>	<i>01</i>	<i>147:03</i>			<i>29</i>	<i>80</i>		<i>S.E.</i>	<i>S.S.E.</i>
<i>2</i>	<i>32 35</i>	<i>149:20</i>			<i>29</i>	<i>74</i>		<i>S.S.E.</i>	<i>S.S.E.</i>
<i>3</i>	<i>34 00</i>	<i>150:00</i>			<i>29</i>	<i>85</i>		<i>S.S.E.</i>	<i>S.S.E.</i>
<i>4</i>	<i>35 56</i>	<i>148:33</i>			<i>29</i>	<i>98</i>		<i>East</i>	<i>East</i>
<i>5</i>	<i>38 16</i>	<i>147:00</i>			<i>29</i>	<i>99</i>		<i>East</i>	<i>S.S.E.</i>
<i>6</i>	<i>39:20</i>	<i>146:19</i>			<i>30</i>	<i>00</i>		<i>Variable</i>	<i>Calm</i>
<i>7</i>	<i>40:30</i>	<i>145:20</i>			<i>29</i>	<i>93</i>		<i>West</i>	<i>W.S.W.</i>
<i>8</i>	<i>42 08</i>	<i>142:00</i>			<i>29</i>	<i>50</i>		<i>W.S.W.</i>	<i>W.S.W.</i>
<i>9</i>	<i>41 40</i>	<i>137:51</i>			<i>29</i>	<i>70</i>		<i>West</i>	<i>W.S.W.</i>
<i>10</i>	<i>41 38</i>	<i>136:23</i>			<i>29</i>	<i>70</i>		<i>S.S.E.</i>	<i>Calm</i>
<i>11</i>	<i>42 05</i>	<i>132:00</i>			<i>29</i>	<i>72</i>		<i>S.W.</i>	<i>W.S.W.</i>
<i>12</i>	<i>42 20</i>	<i>128:00</i>			<i>29</i>	<i>74</i>		<i>S.W.</i>	<i>S.W.</i>
<i>13</i>	<i>42:39</i>	<i>125:30</i>			<i>30</i>	<i>08</i>		<i>S.W.</i>	<i>S.W.</i>
<i>14</i>	<i>43:02</i>	<i>123:19</i>			<i>30</i>	<i>08</i>		<i>S.W.</i>	<i>S.W.</i>
<i>15</i>	<i>43:30</i>	<i>119:20</i>			<i>29</i>	<i>90</i>		<i>S.W.</i>	<i>W.S.W.</i>
<i>16</i>	<i>44 00</i>	<i>116:00</i>			<i>29</i>	<i>70</i>		<i>S.W.</i>	<i>West</i>
<i>17</i>	<i>44:20</i>	<i>114:30</i>			<i>29</i>	<i>58</i>		<i>Easterly</i>	<i>East</i>
<i>18</i>	<i>44 15</i>	<i>112:00</i>			<i>29</i>	<i>66</i>		<i>S.S.E.</i>	<i>South</i>
<i>19</i>	<i>44 30</i>	<i>108:15</i>			<i>29</i>	<i>50</i>		<i>West</i>	<i>W.S.W.</i>
<i>20</i>	<i>45 28</i>	<i>104:20</i>			<i>29</i>	<i>76</i>		<i>West</i>	<i>W.S.W.</i>
<i>21</i>	<i>46 38</i>	<i>100:33</i>			<i>29</i>	<i>70</i>		<i>W.S.W.</i>	<i>W.S.W.</i>
<i>22</i>	<i>47 53</i>	<i>96:13</i>			<i>29</i>	<i>73</i>		<i>W.S.W.</i>	<i>W.S.W.</i>
<i>23</i>	<i>48 53</i>	<i>93:10</i>			<i>29</i>	<i>73</i>		<i>W.S.W.</i>	<i>W.S.W.</i>
<i>24</i>	<i>48 58</i>	<i>92:09</i>			<i>29</i>	<i>73</i>		<i>S.S.E.</i>	<i>S.S.E.</i>
<i>25</i>	<i>49:20</i>	<i>90:04</i>			<i>29</i>	<i>85</i>		<i>S.S.E.</i>	<i>S.S.E.</i>

WINDS. Latter Part.	REMARKS.
E.S.E.	all this day fine and a light breeze
North	all this day fine and a light breeze
S.E.E.	fine and light breeze
S.E.E.	fine weather wind light
S.E.E.	fine middle & latter a strong breeze top sails in
S.E.E.	first part a strong breeze middle & latter a strong gale fine weather
S.E.E.	a strong gale and rainy
S.E.E.	a strong gale and rainy
East	a brisk breeze and foggy weather
E.S.E.	first brisk breeze middle and latter moderate weather foggy
West	light breezes and cloudy weather
W.S.W.	foggy but fine weather and a fine breeze
West	a strong breeze and foggy with rain
South	first squally middle rainy latter a fresh breeze & squally
S.W.	fine and pleasant with a light breeze
N.W.	a brisk breeze & fine weather
S.W.	a fine breeze & fine weather
S.W.	light breeze & fine weather Caught 2 Porpoises
S.W.	light breezes and fine weather
S.W.	first light middle part a fine breeze latter much the same
from S.E.	first fine and a light breeze middle & latter rainy & a strong breeze Saw a S. Whale
S.E.E.	all this 24 hours light breezes & rainy
W.S.W.	first and middle light breezes and fine weather latter cloudy brisk
S.W.	a strong breeze and light rain squalls
W.S.W.	a brisk breeze and fine weather with a heavy swell S.W.
W.S.W.	a brisk breeze and fine weather latter overcast
W.S.W.	a strong breeze and foggy weather
Calm	first & latter parts a strong breeze & foggy latter calm & rainy
S.E.E.	first and middle rainy latter a brisk breeze and cloudy
N.W.	first & middle parts a strong breeze and rainy latter a gale & rainy

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation observed.	Bar.	THER. 9 A. M.		WINDS.	
						Air.	Water.	First Part.	Middle Part.
Dec 30	56 10	88 12		29 50				W. S. W.	W. S. W.
31	57 21	85 47		29 80				W. S. W.	W. S. W.
Jan 1	57 50	83 33		29 20				S. S. E.	S. S. E.
2	54 43	82 04		29 00				S. E.	S. E.
3	56 15	81 26		29 00				E. S. E.	East
4	56 53	79 56		28 85				S. E.	S. E.
5	56 53	78 46		29 25				S. E.	Variable
6	56 43	73 13		29 25				S. S. W.	S. W.
7	56 49	69 38		29 26				W. S. W.	W. S. W.
8	56 26	66 48		29 30				West	W. S. W.
9	55 24	63 38		29 25				S. S. W.	S. S. W.
10	53 37	69 53		29 35				S. S. W.	West
11	52 14	65 44		29 50				S. W.	S. W.
12	50 46	52 22		29 35				S. W.	S. W.
13	48 37	50 18		29 55				West	W. S. W.
14	47 07	48 23		29 70				S. W.	W. S. W.
15	45 32	45 14		29 75				S. W. S.	S. W. S.
16	44 03	42 02		29 76				West	S. S. W.
17	42 55	39 57		29 80				W. S. W.	W. S. W.
18	41 18	37 55		29 85				S. W. S.	S. W.
19	39 09	35 05		29 90				West	S. W. S.
20	37 15	32 17		29 90				S. W. S.	S. W. S.
21	35 20	29 45		29 85				S. S. W.	S. S. W.
22	33 58	28 00		29 85				S. S. W.	S. S. W.
23	32 66	25 58		29 90				S. S. W.	South
24	32 09	24 50		29 90				South	South
25	31 33	23 22		29 90				South	South
26	30 11	22 08		29 85				S. S. W.	S. S. W.
27	29 25	21 40		29 85				South	South
28	28 52	21 46		29 85				North	South

(37) Enter the wind for the point of the compass from which it has most prevailed for the eight hours.

WINDS.

REMARKS.

Latter Part.

P.W.	first & middle a heavy gale latter fine with light squalls
North	first & middle fine but cloudy latter rainy & a light gale
P.S.P.	all this 24th rainy & a light gale ship under close reef, 5 topsails
S.B.	all this 24th rainy & a brisk breeze saw an English Barge
B.H.P.	first part cloudy with a light rain middle & latter fine and a fine breeze
South	all this 24 hours fine with light rain squalls
South	all this 24 hours fine and light breezes saw 3 ships steering W.S.W.
P.W.	all this 24th fine and a light breeze saw several ships bound W.
N.W.	all this day fine and a fine breeze saw the Degees
Calcut	first squally middle & latter fine saw a shoal of 3 whales & later 1000. saw Cape Horn
P.W.	first light rain squalls middle & latter fine and a fine breeze saw ^{latter} latter ^{island}
W.P.W.	first fine and a brisk breeze middle & latter & light winds saw Penguins & kelp
P.W.	first foggy middle & latter fine and a fine breeze
N.W. & W.	all this day foggy and a strong breeze took in the main Royal the first time of 7 days
P.W.	first & middle a strong breeze and foggy latter fine
W.P.	all this day fine and a light breeze. Calcut & Doris
N.W.	all this day fine weather and a strong breeze
S.W.	first clear middle & latter a strong breeze cloudy & squally
Variable	first a strong breeze and rain middle rainy latter fine & calm and light airs
S.W.	first a fine breeze and foggy middle & latter strong breeze & cloudy
S.P.W.	all this day fine and a fine water discoloured
N.W.	all this day fine and a brisk breeze water discoloured
N.W.	first fine middle a fresh breeze & squally latter a brisk breeze & fine
P.W.	first and middle a brisk breeze and some squally latter fine
North	first a fine breeze middle & latter fine weather but light winds
North	all this 24th fine & a light breeze
North	all this 24th fine & a fine breeze
N.W.	all this day fine and a fine breeze
North	all this day fine & pleasant sun light
North	all this day fine and a fine breeze

ABSTRACT LOG of the

Enter the wind for the point of the compass from which it has MOST PREVAILED for the eight hours.